



WASHINGTON STATE DEPARTMENT OF
Natural Resources

**Forest Practices Application/Notification
Office Checklist & Summary**

FPA/N #: 2807319
DATE RCVD: 12-6-04
REGION: NW

Review Comments Due: 12-30-04 Landowner: DNR "Belvedere Bald"
Decision Due Date: 1-5-05 Timber Owner: DNR
Shutdown Zone: 658 Operator: DNR
RMS Payment #: 89 agreement RMAP#: 2800010L
Initial: M.M. FP Forester (Position) #: JA30 3092

Class of Application

☐ Class II ☒ Class III 14 (30) 45 ☐ Class IV-G 30 / 45 (☐ Conv and/or ☐ Plat ☐ UGA)
☐ Class IV-S 30 / 45 ☐ Multiyear Permit (☐ 3 or ☐ 4 or ☐ 5)

Type of Activity

Chem (ac) [] Harvest (ac) [154.1] Rd (ft) [12,270] Temp Rd (ft) [776] Aband (ft) [776] Rd Maint(ft)[]

EARR Tax Credit

☒ RMAP ☒ Forest Practices Rules (☒ RMZ / ☐ Wetlands / ☐ Unstable)
☒ HCP (☒ RMZ / ☐ Wetlands / ☐ Unstable) ☐ Watershed Analysis (☐ Wetlands / ☐ Unstable)

Geographic Information

WRIA [Stillaguamish], [] WAU [Cavanagh], []
☐ Watershed Analysis [], []

Comments:

Ptns. 3 - 33 - 6 E
Ptns. 2 - 33 - 6 E
Ptns. 4 - 33 - 6 E
SESW 6 - 33 - 6 E

Office Checklist & Summary (continued)

2 8 0 7 3 1 9

FPA Review

- ☐ Saltwater Islands
- ☐ Within city limits
- ☐ Within a public park
- ☐ Within 500 ft of public park
- ☐ Platted after January 1, 1960
- ☐ Landowner Intends to Convert within 3 years
- ☐ FREP requested
- ☒ Marbled Murrelet Section Completed
- ☐ Aerial Chemical app (attach spray matrix)
- ☐ Shorelines Permit (200 feet of OHWM or Flood Way)
- ☐ Water Protocol Surveys
- ☒ Within 30 feet of a Type 4 (Np) and/or Type 5 (Ns)
- ☒ Within 200' of RMZ/CMZ of Type 1-4 water (West)
- ☐ Within 130' of RMZ/CMZ of Type 1-4 water (East)
- ☐ Within 200 feet of Wetlands
- ☐ RMZ for 20-acre SLO Exempt
- ☒ Timber harvest or salvage
 - ☐ Units greater than 120 acres
 - ☒ Equipment on slopes > 40%
 - ☐ Potentially unstable slopes or landforms
- ☒ Roads (constructed/abandoned or rock pit)
 - ☐ Road construction on slopes > 65%
 - ☐ Potentially unstable slopes or landforms
- ☐ Watershed Analysis Prescriptions

Plan Review

- ☐ Alternate Plan
- ☐ Bald Eagle Management Plan
- ☐ Columbia River Gorge National Scenic Area Plan
- ☐ Conversion Option Harvest Plan (COHP)
- ☐ Cooperative Habitat Enhancement Agreement (CHEA)
- ☒ Habitat Conservation Plan (HCP)
- ☐ Landowner Landscape Plan (LLP)
- ☐ Landowner Option Plan for Northern Spotted Owl (LOP)
- ☐ Other Wildlife Plan
- ☐ Regeneration Plan
- ☐ Road Maintenance and Abandonment Plan (RMAP)
- ☐ Ten-year Forest Plan
- ☐ Wetland Mitigation Plan

Office Review

- ☒ Rain-On-Snow and outside approved WA
- ☐ 303(d) stream segment
- ☐ Hydric soils
- ☐ Highly erodible soils
- ☒ Unstable Slopes (SLPSTAB)
- ☒ Unstable soils
- ☐ Very unstable soils
- ☐ Forested wetland
- ☐ Type A wetland
- ☐ Type B wetland
- ☐ PHS
 - ☐ Heritage Location
 - ☐ Other (list species) _____
- ☐ SASSI
- ☐ Hatchery
- ☐ Historic site
- ☐ Cultural site
- ☐ Archaeological site
- ☐ Spotted owl
 - ☐ In SOSEA ([] Habitat or [] Not Habitat)
 - SOSEA ID: [____], [____]
 - ☐ Outside SOSEA ([] In Best 70 or [] Not Best 70)
- ☐ Bald eagle
- ☒ Marbled murrelet ([] Occupied or ☒ Detection area)
- ☐ Mountain caribou
- ☐ Sandhill crane
- ☐ Gray wolf
- ☐ OR silverspot butterfly
- ☐ Grizzly bear
- ☐ Peregrine falcon
- ☐ Western pond turtle
- ☐ Other: _____



WASHINGTON STATE DEPARTMENT OF
Natural Resources

Forest Practices Application/Notification

FOR INTERNAL USE ONLY

FPA/N #: _____

DATE RCVD: _____

REGION: _____

REFER TO THE INSTRUCTIONS TO ASSIST IN THE COMPLETION OF THIS FORM. TYPE OR PRINT IN PERMANENT INK.

1) Full legal name of <u>Landowner</u> Department of Natural Resources Business Contact: Candace Johnson	2) Full legal name of <u>Timber Owner</u> Department of Natural Resources Business Contact: Candace Johnson	3) Full legal name of <u>Operator</u> To Be Contracted Business Contact:
Mailing Address 919 N. Township St.	Mailing Address 919 N. Township St.	Mailing Address
City, State or Province, Country, and Zip or Postal Code Sedro Woolley, WA	City, State or Province, Country, and Zip or Postal Code Sedro Woolley, WA	City, State or Province, Country, and Zip or Postal Code
Phone (360) 856-3500	Phone (360) 856-3500	Phone ()
E-Mail:	E-Mail:	E-Mail:

4) Is a perpetual timber owner submitting this FPA/N without a landowner signature?

[] Yes. See Instructions for required additional documents.

[X] No.

5) If any timber will be harvested, enter the **Forest Tax Reporting Account Number** of the Timber Owner: _____.
For tax reporting information or tax numbers call 1-800-548-8829.

6) Legal description and county of the forest practice activity.

Sub-Division (¼ ¼)	Section	Township	Range	E/W	County
Part of SW ¼, SE ¼, SW ¼ NW ¼, and S ½ NE ¼	3	33	6	E	Skagit
Parts of SW ¼, SW ¼ NW ¼	2	33	6	E	Skagit
Parts of NW ¼ NE ¼, SE ¼, NE ¼ SW ¼, and SW ¼ SW ¼	4	33	6	E	Skagit
Parts of SE ¼ SW ¼	6	33	6	E	Skagit

7) We affirm that the information contained herein is true, and understand that this proposed Forest Practice is subject to the current rules and regulations of the forest practices act, as well as any applicable federal, state or local rules and regulations. Compliance with this application/notification does not ensure compliance with the Endangered Species Act, or other federal, state, or local laws.

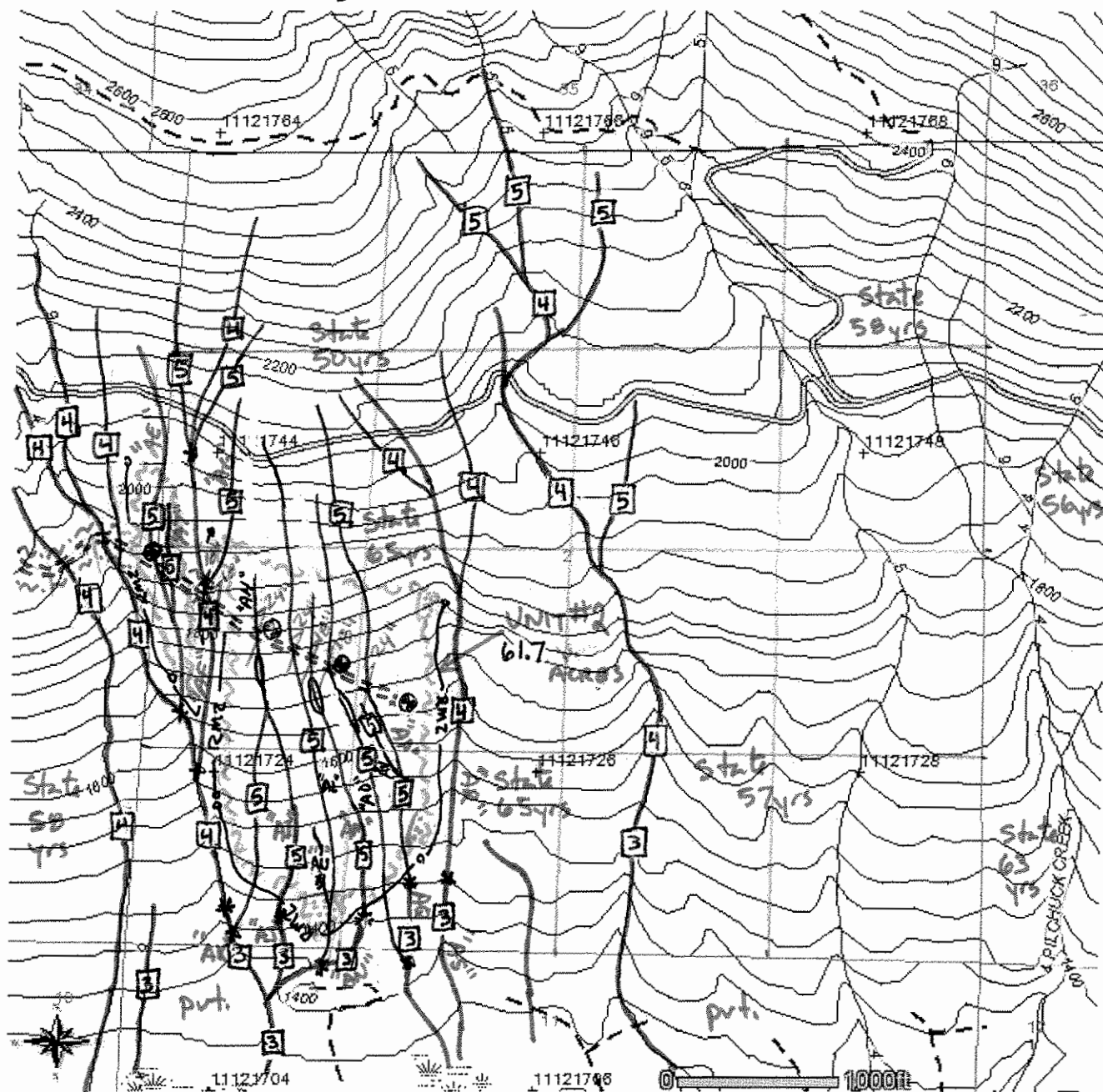
Signature of <u>Landowner</u> : 	Signature of <u>Timber Owner</u> : 	Signature of <u>Operator</u> :
Date: 9-22-04	Date: 9-22-04	Date: 9-22-04
Print <u>Landowner</u> name: J. GUTHRIE	Print <u>Timber Owner</u> name: JAY GUTHRIE	Print <u>Operator</u> name: J. GUTHRIE

FOREST PRACTICE ACTIVITY MAP

TOWNSHIP 33 NORTH HALF 0, RANGE 6 EAST (W.M.) HALF 0, SECTION 2

Application #: _____

Belvedere Bald



Please use the legend from the FPA Instruction or provide a list of symbols used.

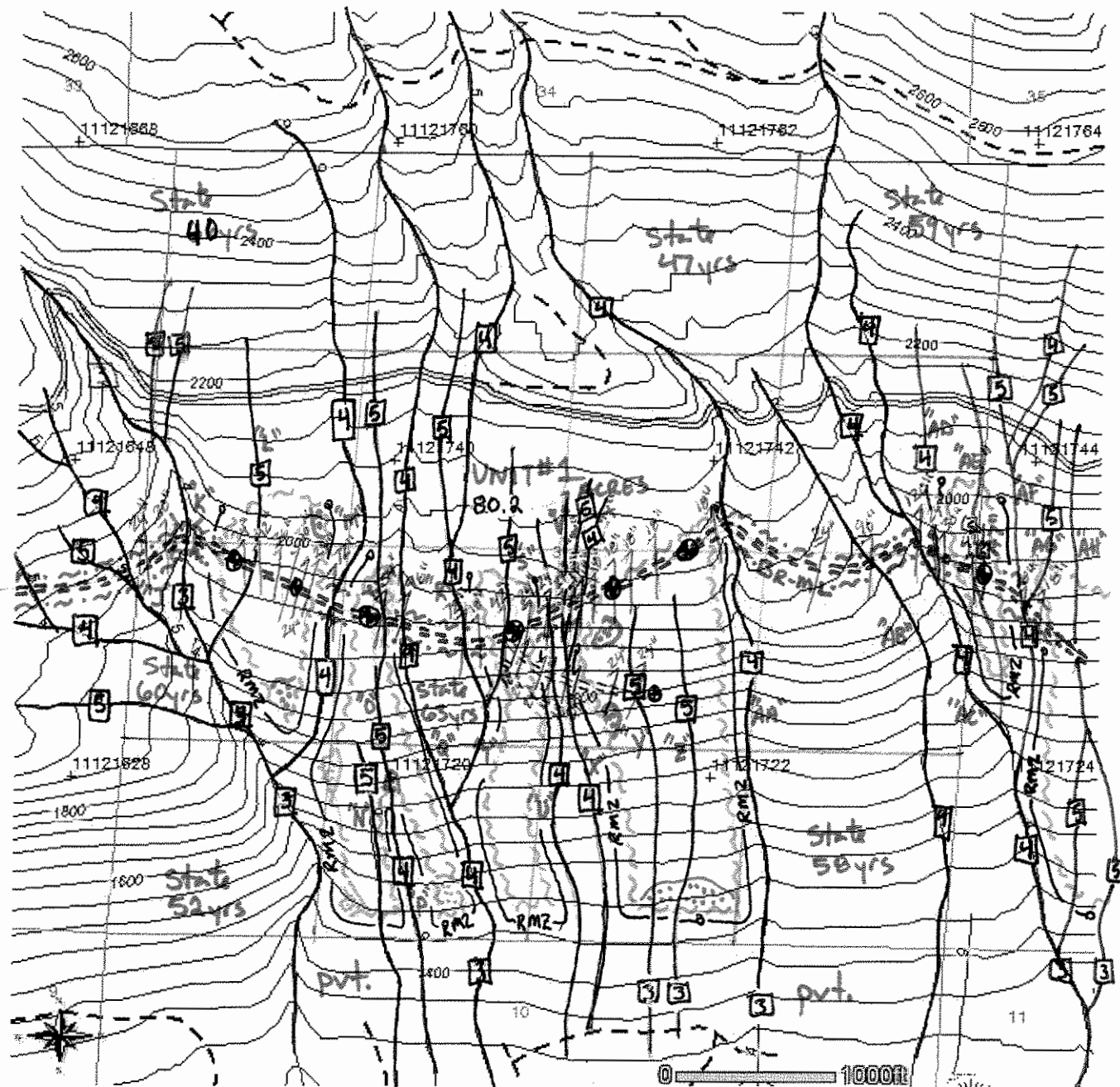
Thursday, August 19, 2004 8:14:08 AM
NAD 83
Contour Interval: 40 Feet

FOREST PRACTICE ACTIVITY MAP

TOWNSHIP 33 NORTH HALF 0, RANGE 6 EAST (W.M.) HALF 0, SECTION 3

Application #: _____

Belvedere Bald



Please use the legend from the FPA Instruction or provide a list of symbols used.

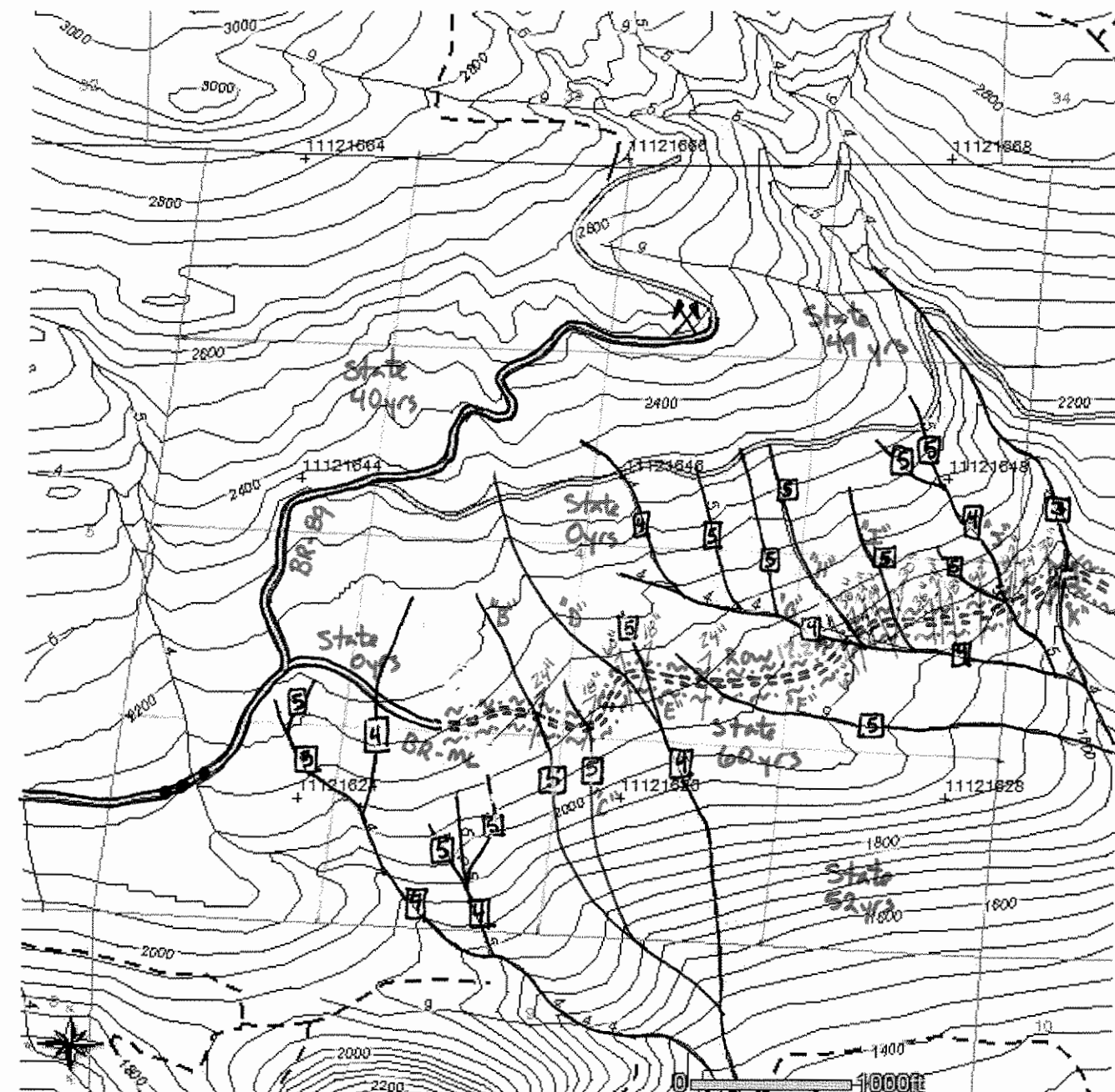
Wednesday, September 01, 2004 7:32:26
AM
NAD 83
Contour Interval: 40 Feet

FOREST PRACTICE ACTIVITY MAP

TOWNSHIP 33 NORTH HALF 0, RANGE 6 EAST (W.M.) HALF 0, SECTION 4

Application #: _____

Belvedere Bald



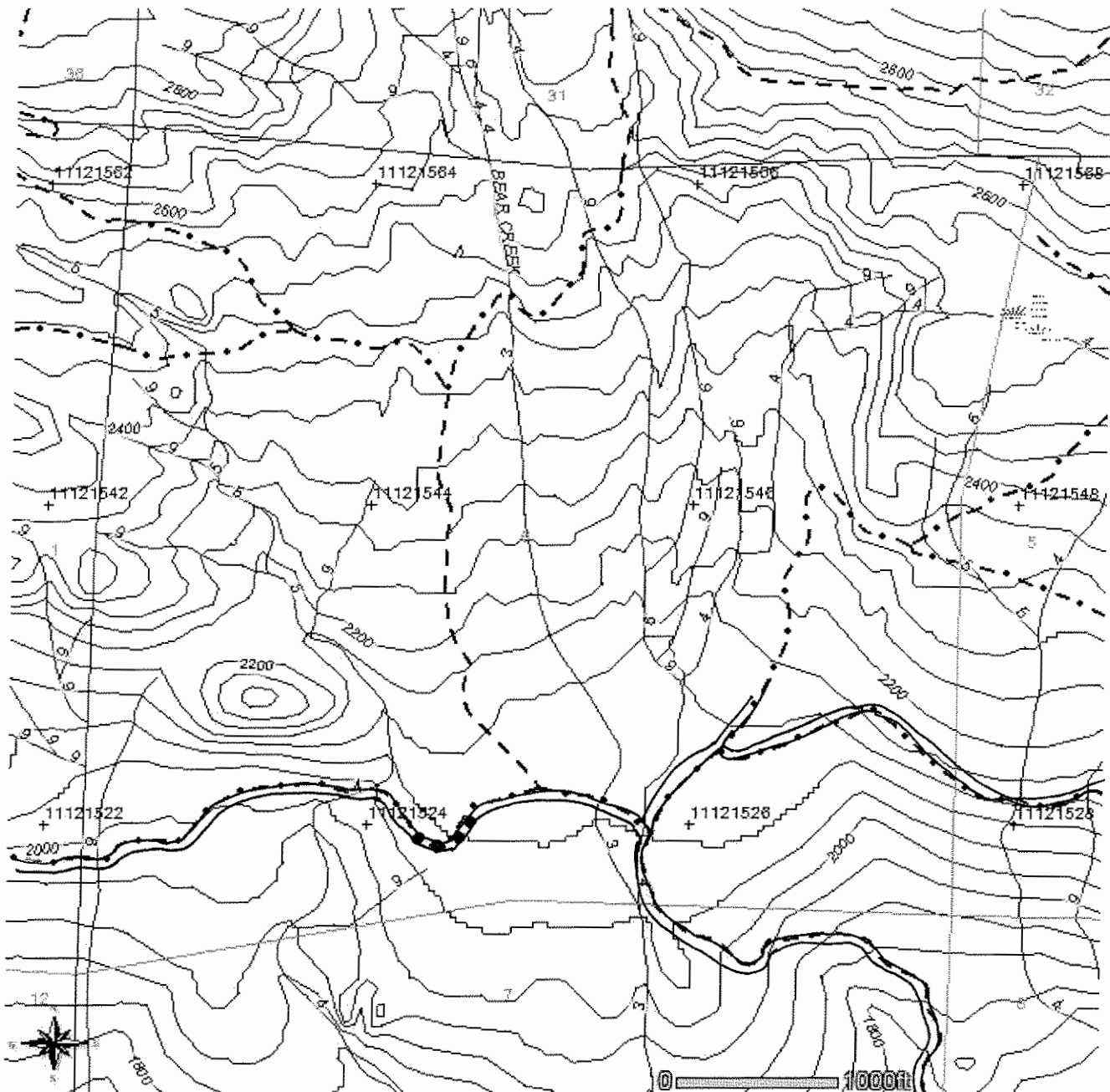
Please use the legend from the FPA Instruction or provide a list of symbols used.

Wednesday, September 01, 2004 7:31:47
AM
NAD 83
Contour Interval: 40 Feet

FOREST PRACTICE ACTIVITY MAP

TOWNSHIP 33 NORTH HALF 0, RANGE 6 EAST (W.M.) HALF 0, SECTION 6

Application #: _____

Belvedere Bald

Please use the legend from the FPA Instruction or provide a list of symbols used.

Thursday, December 02, 2004 3:39:46 PM
NAD 83
Contour Interval: 40 Feet

40 Acre Legal Sub-Division Key

NW1/4 NW1/4	NE1/4 NW1/4	NW1/4 NE1/4	NE1/4 NE1/4
SW1/4 NW1/4	SE1/4 NW1/4	SW1/4 NE1/4	SE1/4 NE1/4
NW1/4 SW1/4	NE1/4 SW1/4	NW1/4 SE1/4	NE1/4 SE1/4
SW1/4 SW1/4	SE1/4 SW1/4	SW1/4 SE1/4	SE1/4 SE1/4

UNIT 1

Legal Description:

E1/2 NW1/4 NW1/4 Section 16 T13N R15E

Harvest Description:

Even-age Harvest, 6 Acres

One-sided RMZ on Type 3 Streams

New Road Construction

UNIT 2

Legal Description:

NE1/4 Section 16 T13N R15E

Harvest Description:

Even-age Harvest, 160 Acres

Double-sided RMZ on Type 3 and 4 Streams

New Road Construction

Existing Bridge

Culvert 30"x43"

Use the symbols listed below to illustrate your plans on the Forest Practices Base Maps. OR devise symbols of your own and clearly mark their meaning on the map.

Planned Forest Practices Activities Legend

~~~~~ Even Aged Harvest

~~~~~ Uneven Aged Harvest

~~~~~ Right-of-Way Boundary

~~~~~ Chemical Application Boundary

----- New Road Construction

----- Temporary Road Construction

..... Road Abandonment

////// Endhaul Area

ROAD Reconstruction

~~~~~ Riparian Management Zone  
One Side

~~~~~ Riparian Management Zone  
Both Sides

~~~~~ Wetland Management Zone



Green Recruitment Trees  
or Wildlife Reserve Trees



Wetland  
Type A, B or Forested



Bridge



Ford



Culvert



Landing



Rock Source



Waste Area



Chemical Mixing Area



Other



## Forest Practices Application/Notification

### General Questions

COMPLETE ALL QUESTIONS AND COMPLETE APPROPRIATE SECTIONS INDICATED BY ANY OF THE FOLLOWING QUESTIONS ANSWERED WITH A "YES"

- 1) Is the forest practice activity within city limits?  
[ ] Yes.    **If Yes, name of city:** \_\_\_\_\_  
[ X ] No.
- 2) Is the forest practice activity within a public park?  
[ ] Yes.    **If Yes, name of park:** \_\_\_\_\_  
[ X ] No.
- 3) Is the forest practice activity within 500 feet of a public park?  
[ ] Yes.    **If Yes, name of park:** \_\_\_\_\_  
[ X ] No.
- 4) Was land platted after January 1, 1960?  
[ ] Yes.    **If Yes, see instructions.**  
[ X ] No.
- 5) Does the landowner intend to convert this land to a use that is incompatible with growing timber within 3 years?  
[ ] Yes.    **If Yes, see instructions.**  
[ X ] No.
- 6) Does landowner have an approved Conversion Option Harvest Plan (COHP) for the land where landowner intends to conduct a forest practice?  
[ ] Yes.    **If Yes, include a copy of the approved COHP.**  
[ X ] No.
- 7) Is the landowner interested in the Forest Riparian Easement Program, a compensation program for small forest landowners harvesting timber near a stream, river, wetland, pond or lake?  
[ ] Yes.    **If Yes, see instructions.**  
[ X ] No.
- 8) Is the proposal within 50 miles of salt water **and** does the landowner own 500 acres or more of forest land?  
[ X ] Yes.    **If Yes, complete the Marbled Murrelet Section or if landowner is applying an approved State and/or Federal Conservation Agreement attach prescriptions.**  
[ ] No.
- 9) Does the forest practice involve aerial application of chemicals?  
[ ] Yes.    **If Yes, complete the Aerial Chemical Application Section.**  
[ X ] No.
- 10) Will there be any harvest or road construction within 200 feet of the ordinary high water mark or the floodway of a Type 1 water?  
[ ] Yes.    **If Yes, compliance with Shoreline Management Act Chapter 90.58 RCW is required. See instructions.**  
[ X ] No.

- 11) Will there be any harvest activity, road activity or aerial chemical application within 200 feet of the Bank Full Width (BFW) or Channel Migration Zone (CMZ) of any water (river, stream, stream channel, wetland, pond or lake)?  
[ X ] Yes. If Yes, continue.  
[ ] No. If No, go to Question #19.
- 12) Has there been a previous water type field verification, per the interim water type rules, verifying all Type 4, 5 waters within the proposed forest practice area and within 200 feet of the area?  
[ ] Yes. If Yes, provide documentation for those streams (i.e. Protocol Survey or waiver).  
[ X ] No. If No, identify and label correctly all waters on activity map(s) and complete Water Type Section.  
[ ] Both. If Both, provide documentation for those streams that have been verified and also complete the Water Type Section for the remaining streams.
- 13) Is the landowner claiming the 20-acre small landowner parcel riparian rule exemption?  
[ ] Yes. If Yes, complete Small Landowner Riparian Exemption Section and skip to Question #16 in this general question section.  
[ X ] No.
- 14) Will there be any harvest within 30 feet of the BFW of a Type 4 or 5 water?  
[ X ] Yes. If Yes, a 30-foot equipment limitation zone is required or if landowner is applying an approved State and/or Federal Conservation Agreement attach prescriptions.  
[ ] No.
- 15) Will there be any harvest within 200 feet in western Washington or 130 feet in eastern Washington of the BFW or CMZ, which ever is greater, of a Type 1, 2, 3, or 4 water?  
[ X ] Yes. If Yes, complete Riparian Harvest Section or if landowner is applying an approved State and/or Federal Conservation Agreement attach prescriptions.  
[ ] No
- 16) Will there be any harvest or road construction within 200 feet of a wetland edge?  
[ ] Yes. If Yes, complete Wetland Section or if landowner is applying an approved State and/or Federal Conservation Agreement attach prescriptions.  
[ X ] No.

**NOTE:** Work within or over Type 1, 2, or 3 water will require a Hydraulic Project Approval (HPA). Work within Type 4 or 5 water may require a HPA. Completion of Questions #17 and #18 will serve as your request for a HPA from the Washington Department of Fish and Wildlife (WDFW). If you have any questions concerning the HPA, call WDFW or visit their website at: <http://www.wa.gov/wdfw/habitat.htm>

**To expedite overall processing time for the HPA, applicant can complete drawings as specified in the FPA/N instructions listed for Questions #17 and #18.**

- 17) Will there be any activity within or over Type 1, 2 or 3 water?  
[ X ] Yes. If Yes, see instructions and provide details in Question #23.  
[ ] No.
- 18) Will there be any activity within or over Type 4 or 5 water?  
[ X ] Yes. If Yes, see instructions and provide details in Question #23.  
[ ] No.
- 19) Will cutting and/or removing timber (including road right-of-way) be done as part of this proposal?  
[ X ] Yes. If Yes, complete Timber Section.  
[ ] No.

20) Will roads be constructed, abandoned, have maintenance performed or will a rock pit be developed or expanded as part of this proposal?

☒ Yes. If Yes, complete Roads Section.

☐ No.

21) Is the landowner requesting a multi-year permit (longer than 2 years)?

☐ Yes. If Yes, see instructions. Attach detailed schedule or delineate in Question #23 below. What is the length requested? \_\_\_\_\_ years (specify 3, 4, or 5 years).

☒ No.

22) Is the landowner submitting an alternate plan?

☐ Yes. If Yes, include copy of plan.

☒ No.

23) Provide any details that will give a better understanding of your project. Attach additional paper if needed.

The proposed activity is a two-unit regeneration harvest, which entails harvesting the live, merchantable timber with the exception of 8 trees per acre greater or equal to 12" DBH, which are left on the site. The sale encompasses approximately 162.4 gross acres (Unit #1: 87.2, Unit #2: 63.0, ROW: 12.2), and 154.1 acres of which are harvestable net acres (Unit #1: 80.2, Unit #2: 61.7, ROW: 12.2). The harvesting will be completed using a combination of shovel yarding and cable yarding. Following the harvesting activity, the site will be regenerated through the planting of Douglas-fir and western redcedar. Leave trees will be designated with either blue paint markings or by yellow "Leave Tree Area" signs.

The majority of this sale will be cable yarded with small portions of both units that may be shovel yarded. The 30-foot equipment limitation zones will be utilized to protect all type 5 streams. Where possible, timber adjacent the type 5 streams will be directionally felled away from the stream channel and yarded away from the area. All type 3 streams will be protected by 156-foot no harvest buffers, and all type 4 streams will be protected by 100-foot no harvest buffers. To ensure accurate stream type determination, stream typing was conducted during various times from mid July through mid August, during a period that was not considered abnormally dry. There will be 12,270 feet of new road construction associated with this sale. There will be 568 feet of road reconstruction activity included with this sale. The newly constructed mainline road will be left open following the completion of the sale, and 776 feet of construction, if built, will be abandoned. The BR-89 hardrock pit will be used as the rock source for the road construction activities associated with this sale, and will continue to be utilized for other management activities following completion of this sale.

This proposed activity is being conducted on lands covered by the Department's multi-species HCP. These planned activities are consistent with our approved HCP dated September 1997 and associated Incidental Take Permits. See the attached HCP checklist for habitats and species both covered by our HCP agreement and specifically addressed with this proposal. Additionally, attached are DNR proprietary HCP/FPA substitute Addendums for Aquatic Resources, Northern Spotted Owl and Marbled Murrelets. This proposal also complies with the attached letter of agreement dated November 18, 2002 between DNR state lands and the US Fish and Wildlife Service.

## Forest Practices Application/Notification Addendum

1) If any of the following apply, this FPA/N is subject to Enhanced Aquatic Resource Requirement (EARR) and may be eligible for a forest excise tax credit (Department of Revenue calls it the Salmon Credit). Please check all that apply.

- A. In this FPA/N, the operator is limited by Forest Practices rule in any of these areas:
- ☒ Riparian area(s); or
  - ☐ Wetland(s); or
  - ☐ Steep or unstable slope(s)
- B. In this FPA/N, the landowner is following the prescriptions in a federally approved Habitat Conservation Plan (HCP) that limits timber harvest due to:
- ☒ Riparian area(s); or
  - ☐ Wetland(s); or
  - ☐ Steep or unstable slope(s)

**NOTE:** The HCP does not need to be more restrictive than the FP rules – it just needs to limit harvest.

- C. In this FPA/N, the landowner has a DNR approved Watershed Analysis where the prescriptions limit harvest in:
- ☐ Riparian area(s) ; or
  - ☐ Wetland(s); or
  - ☐ Steep or unstable slope(s)

**NOTE:** The prescription does not need to be more restrictive than the FP rules – it just needs to limit harvest.

- D. Is any part of the haul route for this FPA/N in a Road Maintenance and Abandonment Plan (RMAP) approved by DNR?
- ☒ Yes - RMAP # R2800010L
  - ☐ No

2) Does the landowner currently have an approved Road Maintenance and Abandonment Plan (RMAP) and intends to continue to follow its schedule?

- ☒ Yes. RMAP Number R2800010L
- ☐ No. Go to Question 3.

3) Are there any existing forest roads on forest land owned by the landowner?

- ☐ Yes – **Complete Road Maintenance and Abandonment Plan Section**
- ☐ No – A Road Maintenance and Abandonment Plan is not required

**Forest Practices Application/Notification**  
**Water Type Section**  
**WAC 222-16-031**

**WESTERN WASHINGTON WATER TYPE WORKSHEET**

- 1) Has the applicant had the stream surveyed using the protocol outlined in Section 13 of the Forest Practices Board Manual or does the stream have the waiver characteristics for WAC 222-16-031(3)(b)(ii)?

|                                                                                                                                                  |                                                                                                                                                       |                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stream ID: _____<br>[ ] Yes, attach documentation<br>[ ] Fish Found, Type 3 water<br>[ ] No fish, go to Question #6<br>[ ] No, go to Question #2 | Stream ID: <b>B</b><br>[ ] Yes, attach documentation<br>[ ] Fish Found, Type 3 water<br>[ ] No fish, go to Question #6<br>[ X ] No, go to question #2 | Stream ID: <b>C</b><br>[ ] Yes, attach documentation<br>[ ] Fish Found, Type 3 water<br>[ ] No fish, go to Question #6<br>[ X ] No, go to question #2 |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|

- 2) List date Stream observations were made for water typing:

|                                                                |                                                                            |                                                                            |
|----------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Stream ID: _____<br>Date observed: _____<br>Go to Question # 3 | Stream ID: <b>B</b><br>Date observed: <b>7/19/04</b><br>Go to Question # 3 | Stream ID: <b>C</b><br>Date observed: <b>7/19/04</b><br>Go to Question # 3 |
|----------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------|

- 3) Were fish observed or are fish known to use the stream any time of the year?

|                                                                        |                                                                             |                                                                             |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Stream ID: _____<br>[ ] Yes, Type 3 water<br>[ ] No, go to Question #4 | Stream ID: <b>B</b><br>[ ] Yes, Type 3 water<br>[ X ] No, go to Question #4 | Stream ID: <b>C</b><br>[ ] Yes, Type 3 water<br>[ X ] No, go to Question #4 |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|

- 4) Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream segment 16% or less?

|                                                                        |                                                                             |                                                                             |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Stream ID: _____<br>[ ] Yes, Type 3 water<br>[ ] No, go to Question #5 | Stream ID: <b>B</b><br>[ ] Yes, Type 3 water<br>[ X ] No, go to Question #5 | Stream ID: <b>C</b><br>[ ] Yes, Type 3 water<br>[ X ] No, go to Question #5 |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|

- 5) Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream greater than 16% and less than or equal to 20%, **AND** is the contributing basin to the stream greater than 50 acres?

|                                                                        |                                                                             |                                                                             |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Stream ID: _____<br>[ ] Yes, Type 3 water<br>[ ] No, go to Question #6 | Stream ID: <b>B</b><br>[ ] Yes, Type 3 water<br>[ X ] No, go to Question #6 | Stream ID: <b>C</b><br>[ ] Yes, Type 3 water<br>[ X ] No, go to Question #6 |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|

6) Does the stream / stream segment contain water at all times during a normal rainfall year?

Stream ID: \_\_\_\_\_

- ☐ Yes, Type 4 water
- ☐ No, go to Question #7
- ☐ Unknown, go to Question #7

Stream ID: **B**

- ☐ Yes, Type 4 water
- ☒ No, go to Question #7
- ☐ Unknown, go to Question #7

Stream ID: **C**

- ☐ Yes, Type 4 water
- ☒ No, go to Question #7
- ☐ Unknown, go to Question #7

7) Is the stream/stream segment downstream of a perennial source of water?

Stream ID: \_\_\_\_\_

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9
- ☐ Can't determine, go to Question #8

Stream ID: **B**

- ☐ Yes, Type 4 water
- ☒ No, go to Question #9
- ☐ Can't determine, go to Question #8

Stream ID: **C**

- ☐ Yes, Type 4 water
- ☒ No, go to Question #9
- ☐ Can't determine, go to Question #8

8) Is the contributing basin size 13 acres or more if in a Coastal Zone (Sitka Spruce Zone) or 52 acres or more if in other western Washington locations for the stream/stream segment?

Stream ID: \_\_\_\_\_

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9

9) Is the stream/stream segment physically connected by an above ground channel to a type 1,2,3, or 4 water?

Stream ID: \_\_\_\_\_

- ☐ Yes, Type 5 water
- ☐ No, non-typed water

Stream ID: **B**

- ☒ Yes, Type 5 water
- ☐ No, non-typed water

Stream ID: **C**

- ☒ Yes, Type 5 water
- ☐ No, non-typed water

**Forest Practices Application/Notification  
Water Type Section  
WAC 222-16-031**

**WESTERN WASHINGTON WATER TYPE WORKSHEET**

- 1) Has the applicant had the stream surveyed using the protocol outlined in Section 13 of the Forest Practices Board Manual or does the stream have the waiver characteristics for WAC 222-16-031(3)(b)(ii)?

Stream ID: **D**

☐ Yes, attach documentation

☐ Fish Found, Type 3 water

☐ No fish, go to Question #6

☒ No, go to Question #2

Stream ID: **E**

☐ Yes, attach documentation

☐ Fish Found, Type 3 water

☐ No fish, go to Question #6

☒ No, go to question #2

Stream ID: **F**

☐ Yes, attach documentation

☐ Fish Found, Type 3 water

☐ No fish, go to Question #6

☒ No, go to question #2

- 2) List date Stream observations were made for water typing:

Stream ID: **D**

Date observed: **7/19/04**

Go to Question # 3

Stream ID: **E**

Date observed: **7/19/04**

Go to Question # 3

Stream ID: **F**

Date observed: **7/19/04**

Go to Question # 3

- 3) Were fish observed or are fish known to use the stream any time of the year?

Stream ID: **D**

☐ Yes, Type 3 water

☒ No, go to Question #4

Stream ID: **E**

☐ Yes, Type 3 water

☒ No, go to Question #4

Stream ID: **F**

☐ Yes, Type 3 water

☒ No, go to Question #4

- 4) Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream segment 16% or less?

Stream ID: **D**

☐ Yes, Type 3 water

☒ No, go to Question #5

Stream ID: **E**

☐ Yes, Type 3 water

☒ No, go to Question #5

Stream ID: **F**

☐ Yes, Type 3 water

☒ No, go to Question #5

- 5) Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream greater than 16% and less than or equal to 20%, **AND** is the contributing basin to the stream greater than 50 acres?

Stream ID: **D**

☐ Yes, Type 3 water

☒ No, go to Question #6

Stream ID: **E**

☐ Yes, Type 3 water

☒ No, go to Question #6

Stream ID: **F**

☐ Yes, Type 3 water

☒ No, go to Question #6

6) Does the stream / stream segment contain water at all times during a normal rainfall year?

Stream ID: **D**

- ☒ Yes, Type 4 water
- ☐ No, go to Question #7
- ☐ Unknown, go to Question #7

Stream ID: **E**

- ☐ Yes, Type 4 water
- ☒ No, go to Question #7
- ☐ Unknown, go to Question #7

Stream ID: **F**

- ☐ Yes, Type 4 water
- ☒ No, go to Question #7
- ☐ Unknown, go to Question #7

7) Is the stream/stream segment downstream of a perennial source of water?

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9
- ☐ Can't determine, go to Question #8

Stream ID: **E**

- ☐ Yes, Type 4 water
- ☒ No, go to Question #9
- ☐ Can't determine, go to Question #8

Stream ID: **F**

- ☐ Yes, Type 4 water
- ☒ No, go to Question #9
- ☐ Can't determine, go to Question #8

8) Is the contributing basin size 13 acres or more if in a Coastal Zone (Sitka Spruce Zone) or 52 acres or more if in other western Washington locations for the stream/stream segment?

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9

Stream ID: \_\_\_\_\_

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9

Stream ID: \_\_\_\_\_

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9

9) Is the stream/stream segment physically connected by an above ground channel to a type 1,2,3, or 4 water?

Stream ID:

- ☐ Yes, Type 5 water
- ☐ No, non-typed water

Stream ID: **E**

- ☒ Yes, Type 5 water
- ☐ No, non-typed water

Stream ID: **F**

- ☒ Yes, Type 5 water
- ☐ No, non-typed water



**Forest Practices Application/Notification  
Water Type Section  
WAC 222-16-031**

**WESTERN WASHINGTON WATER TYPE WORKSHEET**

- 1) Has the applicant had the stream surveyed using the protocol outlined in Section 13 of the Forest Practices Board Manual or does the stream have the waiver characteristics for WAC 222-16-031(3)(b)(ii)?

Stream ID: **G**

☐ Yes, attach documentation

☐ Fish Found, Type 3 water

☐ No fish, go to Question #6

☒ No, go to Question #2

Stream ID: **H**

☐ Yes, attach documentation

☐ Fish Found, Type 3 water

☐ No fish, go to Question #6

☒ No, go to question #2

Stream ID: **I**

☐ Yes, attach documentation

☐ Fish Found, Type 3 water

☐ No fish, go to Question #6

☒ No, go to question #2

- 2) List date Stream observations were made for water typing:

Stream ID: **G**

Date observed: **7/19/04**

Go to Question # 3

Stream ID: **H**

Date observed: **7/19/04**

Go to Question # 3

Stream ID: **I**

Date observed: **7/19/04**

Go to Question # 3

- 3) Were fish observed or are fish known to use the stream any time of the year?

Stream ID: **G**

☐ Yes, Type 3 water

☒ No, go to Question #4

Stream ID: **H**

☐ Yes, Type 3 water

☒ No, go to Question #4

Stream ID: **I**

☐ Yes, Type 3 water

☒ No, go to Question #4

- 4) Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream segment 16% or less?

Stream ID: **G**

☐ Yes, Type 3 water

☒ No, go to Question #5

Stream ID: **H**

☐ Yes, Type 3 water

☒ No, go to Question #5

Stream ID: **I**

☐ Yes, Type 3 water

☒ No, go to Question #5

- 5) Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream greater than 16% and less than or equal to 20%, **AND** is the contributing basin to the stream greater than 50 acres?

Stream ID: **G**

☐ Yes, Type 3 water

☒ No, go to Question #6

Stream ID: **H**

☐ Yes, Type 3 water

☒ No, go to Question #6

Stream ID: **I**

☐ Yes, Type 3 water

☒ No, go to Question #6

6) Does the stream / stream segment contain water at all times during a normal rainfall year?

Stream ID: **G**  
☒ Yes, Type 4 water  
☐ No, go to Question #7  
☐ Unknown, go to  
Question #7

Stream ID: **H**  
☐ Yes, Type 4 water  
☒ No, go to Question #7  
☐ Unknown, go to  
Question #7

Stream ID: **I**  
☐ Yes, Type 4 water  
☒ No, go to Question #7  
☐ Unknown, go to  
Question #7

7) Is the stream/stream segment downstream of a perennial source of water?

Stream ID:  
☐ Yes, Type 4 water  
☐ No, go to Question #9  
☐ Can't determine, go to  
Question #8

Stream ID: **H**  
☐ Yes, Type 4 water  
☒ No, go to Question #9  
☐ Can't determine, go to  
Question #8

Stream ID: **I**  
☐ Yes, Type 4 water  
☒ No, go to Question #9  
☐ Can't determine, go to  
Question #8

8) Is the contributing basin size 13 acres or more if in a Coastal Zone (Sitka Spruce Zone) or 52 acres or more if in other western Washington locations for the stream/stream segment?

Stream ID:  
☐ Yes, Type 4 water  
☐ No, go to Question #9

Stream ID:  
☐ Yes, Type 4 water  
☐ No, go to Question #9

Stream ID:  
☐ Yes, Type 4 water  
☐ No, go to Question #9

9) Is the stream/stream segment physically connected by an above ground channel to a type 1,2,3, or 4 water?

Stream ID: \_\_\_\_\_  
☐ Yes, Type 5 water  
☐ No, non-typed water

Stream ID: **H**  
☒ Yes, Type 5 water  
☐ No, non-typed water

Stream ID: **I**  
☒ Yes, Type 5 water  
☐ No, non-typed water

**Forest Practices Application/Notification  
Water Type Section  
WAC 222-16-031**

**WESTERN WASHINGTON WATER TYPE WORKSHEET**

1. Has the applicant had the stream surveyed using the protocol outlined in Section 13 of the Forest Practices Board Manual or does the stream have the waiver characteristics for WAC 222-16-031(3)(b)(ii)?

Stream ID: **J**

☐ Yes, attach documentation

☐ Fish Found, Type 3 water

☐ No fish, go to Question #6

☒ No, go to Question #2

Stream ID: **K**

☐ Yes, attach documentation

☐ Fish Found, Type 3 water

☐ No fish, go to Question #6

☒ No, go to question #2

Stream ID: **L**

☐ Yes, attach documentation

☐ Fish Found, Type 3 water

☐ No fish, go to Question #6

☒ No, go to question #2

2. List date Stream observations were made for water typing:

Stream ID: **J**

Date observed: **7/19/04**

Go to Question # 3

Stream ID: **K**

Date observed: **7/19/04**

Go to Question # 3

Stream ID: **L**

Date observed: **7/19/04**

Go to Question # 3

3. Were fish observed or are fish known to use the stream any time of the year?

Stream ID: **J**

☐ Yes, Type 3 water

☒ No, go to Question #4

Stream ID: **K**

☐ Yes, Type 3 water

☒ No, go to Question #4

Stream ID: **L**

☐ Yes, Type 3 water

☒ No, go to Question #4

4. Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream segment 16% or less?

Stream ID: **J**

☐ Yes, Type 3 water

☒ No, go to Question #5

Stream ID: **K**

☐ Yes, Type 3 water

☒ No, go to Question #5

Stream ID: **L**

☐ Yes, Type 3 water

☒ No, go to Question #5

5. Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream greater than 16% and less than or equal to 20%, **AND** is the contributing basin to the stream greater than 50 acres?

Stream ID: **J**

☐ Yes, Type 3 water

☒ No, go to Question #6

Stream ID: **K**

☒ Yes, Type 3 water

☐ No, go to Question #6

Stream ID: **L**

☐ Yes, Type 3 water

☒ No, go to Question #6

6) Does the stream / stream segment contain water at all times during a normal rainfall year?

Stream ID: J

- ☒ Yes, Type 4 water
- ☐ No, go to Question #7
- ☐ Unknown, go to Question #7

Stream ID: \_\_\_\_\_

- ☐ Yes, Type 4 water
- ☐ No, go to Question #7
- ☐ Unknown, go to Question #7

Stream ID: L

- ☐ Yes, Type 4 water
- ☒ No, go to Question #7
- ☐ Unknown, go to Question #7

7) Is the stream/stream segment downstream of a perennial source of water?

Stream ID: \_\_\_\_\_

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9
- ☐ Can't determine, go to Question #8

Stream ID: \_\_\_\_\_

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9
- ☐ Can't determine, go to Question #8

Stream ID: L

- ☐ Yes, Type 4 water
- ☒ No, go to Question #9
- ☐ Can't determine, go to Question #8

8) Is the contributing basin size 13 acres or more if in a Coastal Zone (Sitka Spruce Zone) or 52 acres or more if in other western Washington locations for the stream/stream segment?

Stream ID: \_\_\_\_\_

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9

Stream ID: \_\_\_\_\_

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9

Stream ID: \_\_\_\_\_

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9

9) Is the stream/stream segment physically connected by an above ground channel to a type 1,2,3, or 4 water?

Stream ID: \_\_\_\_\_

- ☐ Yes, Type 5 water
- ☐ No, non-typed water

Stream ID: \_\_\_\_\_

- ☐ Yes, Type 5 water
- ☐ No, non-typed water

Stream ID: L

- ☒ Yes, Type 5 water
- ☐ No, non-typed water

**Forest Practices Application/Notification  
Water Type Section  
WAC 222-16-031**

**WESTERN WASHINGTON WATER TYPE WORKSHEET**

1. Has the applicant had the stream surveyed using the protocol outlined in Section 13 of the Forest Practices Board Manual or does the stream have the waiver characteristics for WAC 222-16-031(3)(b)(ii)?

|                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p style="text-align: center;">4</p> <p>Stream ID:    <b>M</b></p> <p><input type="checkbox"/> Yes, attach documentation</p> <p><input type="checkbox"/> Fish Found, Type 3 water</p> <p><input type="checkbox"/> No fish, go to Question #6</p> <p><input checked="" type="checkbox"/> No, go to Question #2</p> | <p style="text-align: center;">5</p> <p>Stream ID:    <b>N</b></p> <p><input type="checkbox"/> Yes, attach documentation</p> <p><input type="checkbox"/> Fish Found, Type 3 water</p> <p><input type="checkbox"/> No fish, go to Question #6</p> <p><input checked="" type="checkbox"/> No, go to question #2</p> | <p style="text-align: center;">5</p> <p>Stream ID:    <b>O</b></p> <p><input type="checkbox"/> Yes, attach documentation</p> <p><input type="checkbox"/> Fish Found, Type 3 water</p> <p><input type="checkbox"/> No fish, go to Question #6</p> <p><input checked="" type="checkbox"/> No, go to question #2</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

2. List date Stream observations were made for water typing:

|                                                                                                 |                                                                                                 |                                                                                                 |
|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <p>Stream ID:    <b>M</b></p> <p>Date observed:    <b>7/19/04</b></p> <p>Go to Question # 3</p> | <p>Stream ID:    <b>N</b></p> <p>Date observed:    <b>7/19/04</b></p> <p>Go to Question # 3</p> | <p>Stream ID:    <b>O</b></p> <p>Date observed:    <b>7/19/04</b></p> <p>Go to Question # 3</p> |
|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|

3. Were fish observed or are fish known to use the stream any time of the year?

|                                                                                                                                                  |                                                                                                                                                  |                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Stream ID:    <b>M</b></p> <p><input type="checkbox"/> Yes, Type 3 water</p> <p><input checked="" type="checkbox"/> No, go to Question #4</p> | <p>Stream ID:    <b>N</b></p> <p><input type="checkbox"/> Yes, Type 3 water</p> <p><input checked="" type="checkbox"/> No, go to Question #4</p> | <p>Stream ID:    <b>O</b></p> <p><input type="checkbox"/> Yes, Type 3 water</p> <p><input checked="" type="checkbox"/> No, go to Question #4</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|

4. Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream segment 16% or less?

|                                                                                                                                                  |                                                                                                                                                  |                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Stream ID:    <b>M</b></p> <p><input type="checkbox"/> Yes, Type 3 water</p> <p><input checked="" type="checkbox"/> No, go to Question #5</p> | <p>Stream ID:    <b>N</b></p> <p><input type="checkbox"/> Yes, Type 3 water</p> <p><input checked="" type="checkbox"/> No, go to Question #5</p> | <p>Stream ID:    <b>O</b></p> <p><input type="checkbox"/> Yes, Type 3 water</p> <p><input checked="" type="checkbox"/> No, go to Question #5</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|

5. Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream greater than 16% and less than or equal to 20%, **AND** is the contributing basin to the stream greater than 50 acres?

|                                                                                                                                                  |                                                                                                                                                  |                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Stream ID:    <b>M</b></p> <p><input type="checkbox"/> Yes, Type 3 water</p> <p><input checked="" type="checkbox"/> No, go to Question #6</p> | <p>Stream ID:    <b>N</b></p> <p><input type="checkbox"/> Yes, Type 3 water</p> <p><input checked="" type="checkbox"/> No, go to Question #6</p> | <p>Stream ID:    <b>O</b></p> <p><input type="checkbox"/> Yes, Type 3 water</p> <p><input checked="" type="checkbox"/> No, go to Question #6</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|

6) Does the stream / stream segment contain water at all times during a normal rainfall year?

Stream ID: **M**

- ☒ Yes, Type 4 water  
☐ No, go to Question #7  
☐ Unknown, go to  
Question #7

Stream ID: **N**

- ☐ Yes, Type 4 water  
☒ No, go to Question #7  
☐ Unknown, go to  
Question #7

Stream ID: **O**

- ☐ Yes, Type 4 water  
☒ No, go to Question #7  
☐ Unknown, go to  
Question #7

7) Is the stream/stream segment downstream of a perennial source of water?

Stream ID:

- ☐ Yes, Type 4 water  
☐ No, go to Question #9  
☐ Can't determine, go to  
Question #8

Stream ID: **N**

- ☐ Yes, Type 4 water  
☒ No, go to Question #9  
☐ Can't determine, go to  
Question #8

Stream ID: **O**

- ☐ Yes, Type 4 water  
☒ No, go to Question #9  
☐ Can't determine, go to  
Question #8

8) Is the contributing basin size 13 acres or more if in a Coastal Zone (Sitka Spruce Zone) or 52 acres or more if in other western Washington locations for the stream/stream segment?

Stream ID:

- ☐ Yes, Type 4 water  
☐ No, go to Question #9

Stream ID:

- ☐ Yes, Type 4 water  
☐ No, go to Question #9

Stream ID: \_\_\_\_\_

- ☐ Yes, Type 4 water  
☐ No, go to Question #9

9) Is the stream/stream segment physically connected by an above ground channel to a type 1,2,3, or 4 water?

Stream ID:

- ☐ Yes, Type 5 water  
☐ No, non-typed water

Stream ID: **N**

- ☒ Yes, Type 5 water  
☐ No, non-typed water

Stream ID: **O**

- ☒ Yes, Type 5 water  
☐ No, non-typed water

**Forest Practices Application/Notification  
Water Type Section  
WAC 222-16-031**

**WESTERN WASHINGTON WATER TYPE WORKSHEET**

1. Has the applicant had the stream surveyed using the protocol outlined in Section 13 of the Forest Practices Board Manual or does the stream have the waiver characteristics for WAC 222-16-031(3)(b)(ii)?

Stream ID: **P**

- ☐ Yes, attach documentation  
☐ Fish Found, Type 3 water  
☐ No fish, go to Question #6  
☒ No, go to Question #2

Stream ID: **Q**

- ☐ Yes, attach documentation  
☐ Fish Found, Type 3 water  
☐ No fish, go to Question #6  
☒ No, go to question #2

Stream ID: **R**

- ☐ Yes, attach documentation  
☐ Fish Found, Type 3 water  
☐ No fish, go to Question #6  
☒ No, go to question #2

2. List date Stream observations were made for water typing:

Stream ID: **P**

Date observed: **7/19/04**  
Go to Question # 3

Stream ID: **Q**

Date observed: **7/19/04**  
Go to Question # 3

Stream ID: **R**

Date observed: **7/19/04**  
Go to Question # 3

3. Were fish observed or are fish known to use the stream any time of the year?

Stream ID: **P**

- ☐ Yes, Type 3 water  
☒ No, go to Question #4

Stream ID: **Q**

- ☐ Yes, Type 3 water  
☒ No, go to Question #4

Stream ID: **R**

- ☐ Yes, Type 3 water  
☒ No, go to Question #4

4. Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream segment 16% or less?

Stream ID: **P**

- ☐ Yes, Type 3 water  
☒ No, go to Question #5

Stream ID: **Q**

- ☐ Yes, Type 3 water  
☒ No, go to Question #5

Stream ID: **R**

- ☐ Yes, Type 3 water  
☒ No, go to Question #5

5. Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream greater than 16% and less than or equal to 20%, **AND** is the contributing basin to the stream greater than 50 acres?

Stream ID: **P**

- ☐ Yes, Type 3 water  
☒ No, go to Question #6

Stream ID: **Q**

- ☐ Yes, Type 3 water  
☒ No, go to Question #6

Stream ID: **R**

- ☐ Yes, Type 3 water  
☒ No, go to Question #6

6. Does the stream / stream segment contain water at all times during a normal rainfall year?

Stream ID: **P**

- ☒ Yes, Type 4 water
- ☐ No, go to Question #7
- ☐ Unknown, go to Question #7

Stream ID: **Q**

- ☒ Yes, Type 4 water
- ☐ No, go to Question #7
- ☐ Unknown, go to Question #7

Stream ID: **R**

- ☒ Yes, Type 4 water
- ☐ No, go to Question #7
- ☐ Unknown, go to Question #7

7) Is the stream/stream segment downstream of a perennial source of water?

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9
- ☐ Can't determine, go to Question #8

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9
- ☐ Can't determine, go to Question #8

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9
- ☐ Can't determine, go to Question #8

8) Is the contributing basin size 13 acres or more if in a Coastal Zone (Sitka Spruce Zone) or 52 acres or more if in other western Washington locations for the stream/stream segment?

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9

Stream ID: \_\_\_\_\_

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9

9) Is the stream/stream segment physically connected by an above ground channel to a type 1,2,3, or 4 water?

Stream ID:

- ☐ Yes, Type 5 water
- ☐ No, non-typed water

Stream ID:

- ☐ Yes, Type 5 water
- ☐ No, non-typed water

Stream ID:

- ☐ Yes, Type 5 water
- ☐ No, non-typed water



**Forest Practices Application/Notification  
Water Type Section  
WAC 222-16-031**

**WESTERN WASHINGTON WATER TYPE WORKSHEET**

1. Has the applicant had the stream surveyed using the protocol outlined in Section 13 of the Forest Practices Board Manual or does the stream have the waiver characteristics for WAC 222-16-031(3)(b)(ii)?

5

4

4

Stream ID: S

Stream ID: T

Stream ID: U

☐ Yes, attach documentation

☐ Yes, attach documentation

☐ Yes, attach documentation

☐ Fish Found, Type 3 water

☐ Fish Found, Type 3 water

☐ Fish Found, Type 3 water

☐ No fish, go to Question #6

☐ No fish, go to Question #6

☐ No fish, go to Question #6

☒ No, go to Question #2

☒ No, go to question #2

☒ No, go to question #2

2. List date Stream observations were made for water typing:

Stream ID: S

Stream ID: T

Stream ID: U

Date observed: 7/19/04

Date observed: 7/19/04

Date observed: 7/19/04

Go to Question # 3

Go to Question # 3

Go to Question # 3

3. Were fish observed or are fish known to use the stream any time of the year?

Stream ID: S

Stream ID: T

Stream ID: U

☐ Yes, Type 3 water

☐ Yes, Type 3 water

☐ Yes, Type 3 water

☒ No, go to Question #4

☒ No, go to Question #4

☒ No, go to Question #4

4. Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream segment 16% or less?

Stream ID: S

Stream ID: T

Stream ID: U

☐ Yes, Type 3 water

☐ Yes, Type 3 water

☐ Yes, Type 3 water

☒ No, go to Question #5

☒ No, go to Question #5

☒ No, go to Question #5

5. Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream greater than 16% and less than or equal to 20%, **AND** is the contributing basin to the stream greater than 50 acres?

Stream ID: S

Stream ID: T

Stream ID: U

☐ Yes, Type 3 water

☐ Yes, Type 3 water

☐ Yes, Type 3 water

☒ No, go to Question #6

☒ No, go to Question #6

☒ No, go to Question #6

6) Does the stream / stream segment contain water at all times during a normal rainfall year?

Stream ID: S

☐ Yes, Type 4 water

☒ No, go to Question #7

☐ Unknown, go to

Question #7

Stream ID: T

☒ Yes, Type 4 water

☐ No, go to Question #7

☐ Unknown, go to

Question #7

Stream ID: U

☒ Yes, Type 4 water

☐ No, go to Question #7

☐ Unknown, go to

Question #7

7) Is the stream/stream segment downstream of a perennial source of water?

Stream ID: S

☐ Yes, Type 4 water

☒ No, go to Question #9

☐ Can't determine, go to

Question #8

Stream ID:

☐ Yes, Type 4 water

☐ No, go to Question #9

☐ Can't determine, go to

Question #8

Stream ID:

☐ Yes, Type 4 water

☐ No, go to Question #9

☐ Can't determine, go to

Question #8

8) Is the contributing basin size 13 acres or more if in a Coastal Zone (Sitka Spruce Zone) or 52 acres or more if in other western Washington locations for the stream/stream segment?

Stream ID:

☐ Yes, Type 4 water

☐ No, go to Question #9

Stream ID:

☐ Yes, Type 4 water

☐ No, go to Question #9

Stream ID:

☐ Yes, Type 4 water

☐ No, go to Question #9

9) Is the stream/stream segment physically connected by an above ground channel to a type 1,2,3, or 4 water?

Stream ID: S

☒ Yes, Type 5 water

☐ No, non-typed water

Stream ID:

☐ Yes, Type 5 water

☐ No, non-typed water

Stream ID:

☐ Yes, Type 5 water

☐ No, non-typed water

**Forest Practices Application/Notification  
Water Type Section  
WAC 222-16-031**

**WESTERN WASHINGTON WATER TYPE WORKSHEET**

1. Has the applicant had the stream surveyed using the protocol outlined in Section 13 of the Forest Practices Board Manual or does the stream have the waiver characteristics for WAC 222-16-031(3)(b)(ii)?

Stream ID: **V**

☐ Yes, attach documentation

☐ Fish Found, Type 3 water

☐ No fish, go to Question #6

☒ No, go to Question #2

Stream ID: **W**

☐ Yes, attach documentation

☐ Fish Found, Type 3 water

☐ No fish, go to Question #6

☒ No, go to question #2

Stream ID: **X**

☐ Yes, attach documentation

☐ Fish Found, Type 3 water

☐ No fish, go to Question #6

☒ No, go to question #2

2. List date Stream observations were made for water typing:

Stream ID: **V**

Date observed: **7/26/04**

Go to Question # 3

Stream ID: **W**

Date observed: **7/26/04**

Go to Question # 3

Stream ID: **X**

Date observed: **7/26/04**

Go to Question # 3

3. Were fish observed or are fish known to use the stream any time of the year?

Stream ID: **V**

☐ Yes, Type 3 water

☒ No, go to Question #4

Stream ID: **W**

☐ Yes, Type 3 water

☒ No, go to Question #4

Stream ID: **X**

☐ Yes, Type 3 water

☒ No, go to Question #4

4. Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream segment 16% or less?

Stream ID: **V**

☐ Yes, Type 3 water

☒ No, go to Question #5

Stream ID: **W**

☐ Yes, Type 3 water

☒ No, go to Question #5

Stream ID: **X**

☐ Yes, Type 3 water

☒ No, go to Question #5

5. Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream greater than 16% and less than or equal to 20%, **AND** is the contributing basin to the stream greater than 50 acres?

Stream ID: **V**

☐ Yes, Type 3 water

☒ No, go to Question #6

Stream ID: **W**

☐ Yes, Type 3 water

☒ No, go to Question #6

Stream ID: **X**

☐ Yes, Type 3 water

☒ No, go to Question #6

6) Does the stream / stream segment contain water at all times during a normal rainfall year?

Stream ID: V

- ☒ Yes, Type 4 water
- ☐ No, go to Question #7
- ☐ Unknown, go to Question #7

Stream ID: W

- ☐ Yes, Type 4 water
- ☒ No, go to Question #7
- ☐ Unknown, go to Question #7

Stream ID: X

- ☒ Yes, Type 4 water
- ☐ No, go to Question #7
- ☐ Unknown, go to Question #7

7) Is the stream/stream segment downstream of a perennial source of water?

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9
- ☐ Can't determine, go to Question #8

Stream ID: W

- ☐ Yes, Type 4 water
- ☒ No, go to Question #9
- ☐ Can't determine, go to Question #8

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9
- ☐ Can't determine, go to Question #8

8) Is the contributing basin size 13 acres or more if in a Coastal Zone (Sitka Spruce Zone) or 52 acres or more if in other western Washington locations for the stream/stream segment?

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9

Stream ID: \_\_\_\_\_

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9

9) Is the stream/stream segment physically connected by an above ground channel to a type 1,2,3, or 4 water?

Stream ID:

- ☐ Yes, Type 5 water
- ☐ No, non-typed water

Stream ID: W

- ☒ Yes, Type 5 water
- ☐ No, non-typed water

Stream ID:

- ☐ Yes, Type 5 water
- ☐ No, non-typed water

**Forest Practices Application/Notification**  
**Water Type Section**  
**WAC 222-16-031**

**WESTERN WASHINGTON WATER TYPE WORKSHEET**

1. Has the applicant had the stream surveyed using the protocol outlined in Section 13 of the Forest Practices Board Manual or does the stream have the waiver characteristics for WAC 222-16-031(3)(b)(ii)?

|                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p style="text-align: center;">5</p> <p>Stream ID:    <b>Y</b></p> <p><input type="checkbox"/> Yes, attach documentation</p> <p>    <input type="checkbox"/> Fish Found, Type 3 water</p> <p>    <input type="checkbox"/> No fish, go to Question #6</p> <p><input checked="" type="checkbox"/> No, go to Question #2</p> | <p style="text-align: center;">5</p> <p>Stream ID:    <b>Z</b></p> <p><input type="checkbox"/> Yes, attach documentation</p> <p>    <input type="checkbox"/> Fish Found, Type 3 water</p> <p>    <input type="checkbox"/> No fish, go to Question #6</p> <p><input checked="" type="checkbox"/> No, go to question #2</p> | <p style="text-align: center;">4</p> <p>Stream ID:    <b>AA</b></p> <p><input type="checkbox"/> Yes, attach documentation</p> <p>    <input type="checkbox"/> Fish Found, Type 3 water</p> <p>    <input type="checkbox"/> No fish, go to Question #6</p> <p><input checked="" type="checkbox"/> No, go to question #2</p> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

2. List date Stream observations were made for water typing:

|                                                                                                 |                                                                                                 |                                                                                                  |
|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <p>Stream ID:    <b>Y</b></p> <p>Date observed:    <b>7/26/04</b></p> <p>Go to Question # 3</p> | <p>Stream ID:    <b>Z</b></p> <p>Date observed:    <b>7/26/04</b></p> <p>Go to Question # 3</p> | <p>Stream ID:    <b>AA</b></p> <p>Date observed:    <b>7/26/04</b></p> <p>Go to Question # 3</p> |
|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|

3. Were fish observed or are fish known to use the stream any time of the year?

|                                                                                                                                                  |                                                                                                                                                  |                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Stream ID:    <b>Y</b></p> <p><input type="checkbox"/> Yes, Type 3 water</p> <p><input checked="" type="checkbox"/> No, go to Question #4</p> | <p>Stream ID:    <b>Z</b></p> <p><input type="checkbox"/> Yes, Type 3 water</p> <p><input checked="" type="checkbox"/> No, go to Question #4</p> | <p>Stream ID:    <b>AA</b></p> <p><input type="checkbox"/> Yes, Type 3 water</p> <p><input checked="" type="checkbox"/> No, go to Question #4</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|

4. Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream segment 16% or less?

|                                                                                                                                                  |                                                                                                                                                  |                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Stream ID:    <b>Y</b></p> <p><input type="checkbox"/> Yes, Type 3 water</p> <p><input checked="" type="checkbox"/> No, go to Question #5</p> | <p>Stream ID:    <b>Z</b></p> <p><input type="checkbox"/> Yes, Type 3 water</p> <p><input checked="" type="checkbox"/> No, go to Question #5</p> | <p>Stream ID:    <b>AA</b></p> <p><input type="checkbox"/> Yes, Type 3 water</p> <p><input checked="" type="checkbox"/> No, go to Question #5</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|

5. Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream greater than 16% and less than or equal to 20%, **AND** is the contributing basin to the stream greater than 50 acres?

|                                                                                                                                                  |                                                                                                                                                  |                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Stream ID:    <b>Y</b></p> <p><input type="checkbox"/> Yes, Type 3 water</p> <p><input checked="" type="checkbox"/> No, go to Question #6</p> | <p>Stream ID:    <b>Z</b></p> <p><input type="checkbox"/> Yes, Type 3 water</p> <p><input checked="" type="checkbox"/> No, go to Question #6</p> | <p>Stream ID:    <b>AA</b></p> <p><input type="checkbox"/> Yes, Type 3 water</p> <p><input checked="" type="checkbox"/> No, go to Question #6</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|

6) Does the stream / stream segment contain water at all times during a normal rainfall year?

Stream ID: Y

- ☐ Yes, Type 4 water
- ☒ No, go to Question #7
- ☐ Unknown, go to Question #7

Stream ID: Z

- ☐ Yes, Type 4 water
- ☒ No, go to Question #7
- ☐ Unknown, go to Question #7

Stream ID: AA

- ☒ Yes, Type 4 water
- ☐ No, go to Question #7
- ☐ Unknown, go to Question #7

7) Is the stream/stream segment downstream of a perennial source of water?

Stream ID: Y

- ☐ Yes, Type 4 water
- ☒ No, go to Question #9
- ☐ Can't determine, go to Question #8

Stream ID: Z

- ☐ Yes, Type 4 water
- ☒ No, go to Question #9
- ☐ Can't determine, go to Question #8

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9
- ☐ Can't determine, go to Question #8

8) Is the contributing basin size 13 acres or more if in a Coastal Zone (Sitka Spruce Zone) or 52 acres or more if in other western Washington locations for the stream/stream segment?

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9

Stream ID: \_\_\_\_\_

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9

9) Is the stream/stream segment physically connected by an above ground channel to a type 1,2,3, or 4 water?

Stream ID: Y

- ☒ Yes, Type 5 water
- ☐ No, non-typed water

Stream ID: Z

- ☒ Yes, Type 5 water
- ☐ No, non-typed water

Stream ID:

- ☐ Yes, Type 5 water
- ☐ No, non-typed water

**Forest Practices Application/Notification  
Water Type Section  
WAC 222-16-031**

**WESTERN WASHINGTON WATER TYPE WORKSHEET**

1. Has the applicant had the stream surveyed using the protocol outlined in Section 13 of the Forest Practices Board Manual or does the stream have the waiver characteristics for WAC 222-16-031(3)(b)(ii)?

Stream ID: **AB**

☐ Yes, attach documentation

☐ Fish Found, Type 3 water

☐ No fish, go to Question #6

☒ No, go to Question #2

Stream ID: **AC**

☐ Yes, attach documentation

☐ Fish Found, Type 3 water

☐ No fish, go to Question #6

☒ No, go to question #2

Stream ID: **AD**

☐ Yes, attach documentation

☐ Fish Found, Type 3 water

☐ No fish, go to Question #6

☒ No, go to question #2

2. List date Stream observations were made for water typing:

Stream ID: **AB**

Date observed: **7/26/04**

Go to Question # 3

Stream ID: **AC**

Date observed: **7/26/04**

Go to Question # 3

Stream ID: **AD**

Date observed: **7/26/04**

Go to Question # 3

3. Were fish observed or are fish known to use the stream any time of the year?

Stream ID: **AB**

☐ Yes, Type 3 water

☒ No, go to Question #4

Stream ID: **AC**

☐ Yes, Type 3 water

☒ No, go to Question #4

Stream ID: **AD**

☐ Yes, Type 3 water

☒ No, go to Question #4

4. Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream segment 16% or less?

Stream ID: **AB**

☐ Yes, Type 3 water

☒ No, go to Question #5

Stream ID: **AC**

☐ Yes, Type 3 water

☒ No, go to Question #5

Stream ID: **AD**

☐ Yes, Type 3 water

☒ No, go to Question #5

5. Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream greater than 16% and less than or equal to 20%, **AND** is the contributing basin to the stream greater than 50 acres?

Stream ID: **AB**

☐ Yes, Type 3 water

☒ No, go to Question #6

Stream ID: **AC**

☐ Yes, Type 3 water

☒ No, go to Question #6

Stream ID: **AD**

☐ Yes, Type 3 water

☒ No, go to Question #6

6) Does the stream / stream segment contain water at all times during a normal rainfall year?

Stream ID: **AB**

☒ Yes, Type 4 water

☐ No, go to Question #7

☐ Unknown, go to  
Question #7

Stream ID: **AC**

☒ Yes, Type 4 water

☐ No, go to Question #7

☐ Unknown, go to  
Question #7

Stream ID: **AD**

☒ Yes, Type 4 water

☐ No, go to Question #7

☐ Unknown, go to  
Question #7

7) Is the stream/stream segment downstream of a perennial source of water?

Stream ID:

☐ Yes, Type 4 water

☐ No, go to Question #9

☐ Can't determine, go to  
Question #8

Stream ID:

☐ Yes, Type 4 water

☐ No, go to Question #9

☐ Can't determine, go to  
Question #8

Stream ID:

☐ Yes, Type 4 water

☐ No, go to Question #9

☐ Can't determine, go to  
Question #8

8) Is the contributing basin size 13 acres or more if in a Coastal Zone (Sitka Spruce Zone) or 52 acres or more if in other western Washington locations for the stream/stream segment?

Stream ID:

☐ Yes, Type 4 water

☐ No, go to Question #9

Stream ID:

☐ Yes, Type 4 water

☐ No, go to Question #9

Stream ID: \_\_\_\_\_

☐ Yes, Type 4 water

☐ No, go to Question #9

9) Is the stream/stream segment physically connected by an above ground channel to a type 1,2,3, or 4 water?

Stream ID:

☐ Yes, Type 5 water

☐ No, non-typed water

Stream ID:

☐ Yes, Type 5 water

☐ No, non-typed water

Stream ID:

☐ Yes, Type 5 water

☐ No, non-typed water



**Forest Practices Application/Notification  
Water Type Section  
WAC 222-16-031**

**WESTERN WASHINGTON WATER TYPE WORKSHEET**

1. Has the applicant had the stream surveyed using the protocol outlined in Section 13 of the Forest Practices Board Manual or does the stream have the waiver characteristics for WAC 222-16-031(3)(b)(ii)?

5

Stream ID:    **AE**  
☐ Yes, attach documentation  
    ☐ Fish Found, Type 3 water  
    ☐ No fish, go to Question #6  
☒ No, go to Question #2

4

Stream ID:    **AF**  
☐ Yes, attach documentation  
    ☐ Fish Found, Type 3 water  
    ☐ No fish, go to Question #6  
☒ No, go to question #2

5

Stream ID:    **AG**  
☐ Yes, attach documentation  
    ☐ Fish Found, Type 3 water  
    ☐ No fish, go to Question #6  
☒ No, go to question #2

2. List date Stream observations were made for water typing:

Stream ID:    **AE**  
Date observed:    **7/26/04**  
Go to Question # 3

Stream ID:    **AF**  
Date observed:    **7/26/04**  
Go to Question # 3

Stream ID:    **AG**  
Date observed:    **7/26/04**  
Go to Question # 3

3. Were fish observed or are fish known to use the stream any time of the year?

Stream ID:    **AE**  
☐ Yes, Type 3 water  
☒ No, go to Question #4

Stream ID:    **AF**  
☐ Yes, Type 3 water  
☒ No, go to Question #4

Stream ID:    **AG**  
☐ Yes, Type 3 water  
☒ No, go to Question #4

4. Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream segment 16% or less?

Stream ID:    **AE**  
☐ Yes, Type 3 water  
☒ No, go to Question #5

Stream ID:    **AF**  
☐ Yes, Type 3 water  
☒ No, go to Question #5

Stream ID:    **AG**  
☐ Yes, Type 3 water  
☒ No, go to Question #5

5. Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream greater than 16% and less than or equal to 20%, **AND** is the contributing basin to the stream greater than 50 acres?

Stream ID:    **AE**  
☐ Yes, Type 3 water  
☒ No, go to Question #6

Stream ID:    **AF**  
☐ Yes, Type 3 water  
☒ No, go to Question #6

Stream ID:    **AG**  
☐ Yes, Type 3 water  
☒ No, go to Question #6

6) Does the stream / stream segment contain water at all times during a normal rainfall year?

Stream ID: AE

- ☐ Yes, Type 4 water  
☒ No, go to Question #7  
☐ Unknown, go to  
Question #7

Stream ID: AF

- ☒ Yes, Type 4 water  
☐ No, go to Question #7  
☐ Unknown, go to  
Question #7

Stream ID: AG

- ☐ Yes, Type 4 water  
☒ No, go to Question #7  
☐ Unknown, go to  
Question #7

7) Is the stream/stream segment downstream of a perennial source of water?

Stream ID: AE

- ☐ Yes, Type 4 water  
☒ No, go to Question #9  
☐ Can't determine, go to  
Question #8

Stream ID:

- ☐ Yes, Type 4 water  
☐ No, go to Question #9  
☐ Can't determine, go to  
Question #8

Stream ID: AG

- ☐ Yes, Type 4 water  
☒ No, go to Question #9  
☐ Can't determine, go to  
Question #8

8) Is the contributing basin size 13 acres or more if in a Coastal Zone (Sitka Spruce Zone) or 52 acres or more if in other western Washington locations for the stream/stream segment?

Stream ID:

- ☐ Yes, Type 4 water  
☐ No, go to Question #9

Stream ID:

- ☐ Yes, Type 4 water  
☐ No, go to Question #9

Stream ID: \_\_\_\_\_

- ☐ Yes, Type 4 water  
☐ No, go to Question #9

9) Is the stream/stream segment physically connected by an above ground channel to a type 1,2,3, or 4 water?

Stream ID: AE

- ☒ Yes, Type 5 water  
☐ No, non-typed water

Stream ID:

- ☐ Yes, Type 5 water  
☐ No, non-typed water

Stream ID: AG

- ☒ Yes, Type 5 water  
☐ No, non-typed water

**Forest Practices Application/Notification**  
**Water Type Section**  
**WAC 222-16-031**

**WESTERN WASHINGTON WATER TYPE WORKSHEET**

1. Has the applicant had the stream surveyed using the protocol outlined in Section 13 of the Forest Practices Board Manual or does the stream have the waiver characteristics for WAC 222-16-031(3)(b)(ii)?

5

Stream ID: **AH**  
☐ Yes, attach documentation  
☐ Fish Found, Type 3 water  
☐ No fish, go to Question #6  
☒ No, go to Question #2

5

Stream ID: **AI**  
☐ Yes, attach documentation  
☐ Fish Found, Type 3 water  
☐ No fish, go to Question #6  
☒ No, go to question #2

3

Stream ID: **AJ**  
☐ Yes, attach documentation  
☐ Fish Found, Type 3 water  
☐ No fish, go to Question #6  
☒ No, go to question #2

2. List date Stream observations were made for water typing:

Stream ID: **AH**  
Date observed: **7/26/04**  
Go to Question # 3

Stream ID: **AI**  
Date observed: **7/26/04**  
Go to Question # 3

Stream ID: **AJ**  
Date observed: **7/26/04**  
Go to Question # 3

3. Were fish observed or are fish known to use the stream any time of the year?

Stream ID: **AH**  
☐ Yes, Type 3 water  
☒ No, go to Question #4

Stream ID: **AI**  
☐ Yes, Type 3 water  
☒ No, go to Question #4

Stream ID: **AJ**  
☐ Yes, Type 3 water  
☒ No, go to Question #4

4. Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream segment 16% or less?

Stream ID: **AH**  
☐ Yes, Type 3 water  
☒ No, go to Question #5

Stream ID: **AI**  
☐ Yes, Type 3 water  
☒ No, go to Question #5

Stream ID: **AJ**  
☒ Yes, Type 3 water  
☐ No, go to Question #5

5. Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream greater than 16% and less than or equal to 20%, **AND** is the contributing basin to the stream greater than 50 acres?

Stream ID: **AH**  
☐ Yes, Type 3 water  
☒ No, go to Question #6

Stream ID: **AI**  
☐ Yes, Type 3 water  
☒ No, go to Question #6

Stream ID:  
☐ Yes, Type 3 water  
☐ No, go to Question #6

6) Does the stream / stream segment contain water at all times during a normal rainfall year?

Stream ID: **AH**

- ☐ Yes, Type 4 water  
☒ No, go to Question #7  
☐ Unknown, go to  
Question #7

Stream ID: **AI**

- ☐ Yes, Type 4 water  
☒ No, go to Question #7  
☐ Unknown, go to  
Question #7

Stream ID:

- ☐ Yes, Type 4 water  
☐ No, go to Question #7  
☐ Unknown, go to  
Question #7

7) Is the stream/stream segment downstream of a perennial source of water?

Stream ID: **AH**

- ☐ Yes, Type 4 water  
☒ No, go to Question #9  
☐ Can't determine, go to  
Question #8

Stream ID: **AI**

- ☐ Yes, Type 4 water  
☒ No, go to Question #9  
☐ Can't determine, go to  
Question #8

Stream ID:

- ☐ Yes, Type 4 water  
☐ No, go to Question #9  
☐ Can't determine, go to  
Question #8

8) Is the contributing basin size 13 acres or more if in a Coastal Zone (Sitka Spruce Zone) or 52 acres or more if in other western Washington locations for the stream/stream segment?

Stream ID:

- ☐ Yes, Type 4 water  
☐ No, go to Question #9

Stream ID:

- ☐ Yes, Type 4 water  
☐ No, go to Question #9

Stream ID: \_\_\_\_\_

- ☐ Yes, Type 4 water  
☐ No, go to Question #9

9) Is the stream/stream segment physically connected by an above ground channel to a type 1,2,3, or 4 water?

Stream ID: **AH**

- ☒ Yes, Type 5 water  
☐ No, non-typed water

Stream ID: **AI**

- ☒ Yes, Type 5 water  
☐ No, non-typed water

Stream ID:

- ☐ Yes, Type 5 water  
☐ No, non-typed water

**Forest Practices Application/Notification  
Water Type Section  
WAC 222-16-031**

**WESTERN WASHINGTON WATER TYPE WORKSHEET**

1. Has the applicant had the stream surveyed using the protocol outlined in Section 13 of the Forest Practices Board Manual or does the stream have the waiver characteristics for WAC 222-16-031(3)(b)(ii)?

3

Stream ID: **AK**  
☐ Yes, attach documentation  
☐ Fish Found, Type 3 water  
☐ No fish, go to Question #6  
☒ No, go to Question #2

5

Stream ID: **AL**  
☐ Yes, attach documentation  
☐ Fish Found, Type 3 water  
☐ No fish, go to Question #6  
☒ No, go to question #2

5

Stream ID: **AM**  
☐ Yes, attach documentation  
☐ Fish Found, Type 3 water  
☐ No fish, go to Question #6  
☒ No, go to question #2

2. List date Stream observations were made for water typing:

Stream ID: **AK**  
Date observed: **8/9/04**  
Go to Question # 3

Stream ID: **AL**  
Date observed: **8/9/04**  
Go to Question # 3

Stream ID: **AM**  
Date observed: **8/9/04**  
Go to Question # 3

3. Were fish observed or are fish known to use the stream any time of the year?

Stream ID: **AK**  
☐ Yes, Type 3 water  
☒ No, go to Question #4

Stream ID: **AL**  
☐ Yes, Type 3 water  
☒ No, go to Question #4

Stream ID: **AM**  
☐ Yes, Type 3 water  
☒ No, go to Question #4

4. Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream segment 16% or less?

Stream ID: **AK**  
☒ Yes, Type 3 water  
☐ No, go to Question #5

Stream ID: **AL**  
☐ Yes, Type 3 water  
☒ No, go to Question #5

Stream ID: **AM**  
☐ Yes, Type 3 water  
☒ No, go to Question #5

5. Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream greater than 16% and less than or equal to 20%, **AND** is the contributing basin to the stream greater than 50 acres?

Stream ID:  
☐ Yes, Type 3 water  
☐ No, go to Question #6

Stream ID: **AL**  
☐ Yes, Type 3 water  
☒ No, go to Question #6

Stream ID: **AM**  
☐ Yes, Type 3 water  
☒ No, go to Question #6

6) Does the stream / stream segment contain water at all times during a normal rainfall year?

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #7
- ☐ Unknown, go to Question #7

Stream ID: AL

- ☐ Yes, Type 4 water
- ☒ No, go to Question #7
- ☐ Unknown, go to Question #7

Stream ID: AM

- ☐ Yes, Type 4 water
- ☒ No, go to Question #7
- ☐ Unknown, go to Question #7

7) Is the stream/stream segment downstream of a perennial source of water?

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9
- ☐ Can't determine, go to Question #8

Stream ID: AL

- ☐ Yes, Type 4 water
- ☒ No, go to Question #9
- ☐ Can't determine, go to Question #8

Stream ID: AM

- ☐ Yes, Type 4 water
- ☒ No, go to Question #9
- ☐ Can't determine, go to Question #8

8) Is the contributing basin size 13 acres or more if in a Coastal Zone (Sitka Spruce Zone) or 52 acres or more if in other western Washington locations for the stream/stream segment?

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9

Stream ID: \_\_\_\_\_

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9

9) Is the stream/stream segment physically connected by an above ground channel to a type 1,2,3, or 4 water?

Stream ID:

- ☐ Yes, Type 5 water
- ☐ No, non-typed water

Stream ID: AL

- ☒ Yes, Type 5 water
- ☐ No, non-typed water

Stream ID: AM

- ☒ Yes, Type 5 water
- ☐ No, non-typed water

**Forest Practices Application/Notification  
Water Type Section  
WAC 222-16-031**

**WESTERN WASHINGTON WATER TYPE WORKSHEET**

1. Has the applicant had the stream surveyed using the protocol outlined in Section 13 of the Forest Practices Board Manual or does the stream have the waiver characteristics for WAC 222-16-031(3)(b)(ii)?

3

Stream ID: **AN**

☐ Yes, attach documentation

☐ Fish Found, Type 3 water

☐ No fish, go to Question #6

☒ No, go to Question #2

5

Stream ID: **AO**

☐ Yes, attach documentation

☐ Fish Found, Type 3 water

☐ No fish, go to Question #6

☒ No, go to question #2

5

Stream ID: **AP**

☐ Yes, attach documentation

☐ Fish Found, Type 3 water

☐ No fish, go to Question #6

☒ No, go to question #2

2. List date Stream observations were made for water typing:

Stream ID: **AN**

Date observed: **8/9/04**

Go to Question # 3

Stream ID: **AO**

Date observed: **8/9/04**

Go to Question # 3

Stream ID: **AP**

Date observed: **8/9/04**

Go to Question # 3

3. Were fish observed or are fish known to use the stream any time of the year?

Stream ID: **AN**

☐ Yes, Type 3 water

☒ No, go to Question #4

Stream ID: **AO**

☐ Yes, Type 3 water

☒ No, go to Question #4

Stream ID: **AP**

☐ Yes, Type 3 water

☒ No, go to Question #4

4. Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream segment 16% or less?

Stream ID: **AN**

☒ Yes, Type 3 water

☐ No, go to Question #5

Stream ID: **AO**

☐ Yes, Type 3 water

☒ No, go to Question #5

Stream ID: **AP**

☐ Yes, Type 3 water

☒ No, go to Question #5

5. Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream greater than 16% and less than or equal to 20%, **AND** is the contributing basin to the stream greater than 50 acres?

Stream ID:

☐ Yes, Type 3 water

☐ No, go to Question #6

Stream ID: **AO**

☐ Yes, Type 3 water

☒ No, go to Question #6

Stream ID: **AP**

☐ Yes, Type 3 water

☒ No, go to Question #6

6) Does the stream / stream segment contain water at all times during a normal rainfall year?

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #7
- ☐ Unknown, go to Question #7

Stream ID: **AO**

- ☐ Yes, Type 4 water
- ☒ No, go to Question #7
- ☐ Unknown, go to Question #7

Stream ID: **AP**

- ☐ Yes, Type 4 water
- ☒ No, go to Question #7
- ☐ Unknown, go to Question #7

7) Is the stream/stream segment downstream of a perennial source of water?

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9
- ☐ Can't determine, go to Question #8

Stream ID: **AO**

- ☐ Yes, Type 4 water
- ☒ No, go to Question #9
- ☐ Can't determine, go to Question #8

Stream ID: **AP**

- ☐ Yes, Type 4 water
- ☒ No, go to Question #9
- ☐ Can't determine, go to Question #8

8) Is the contributing basin size 13 acres or more if in a Coastal Zone (Sitka Spruce Zone) or 52 acres or more if in other western Washington locations for the stream/stream segment?

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9

9) Is the stream/stream segment physically connected by an above ground channel to a type 1,2,3, or 4 water?

Stream ID:

- ☐ Yes, Type 5 water
- ☐ No, non-typed water

Stream ID: **AO**

- ☒ Yes, Type 5 water
- ☐ No, non-typed water

Stream ID: **AP**

- ☒ Yes, Type 5 water
- ☐ No, non-typed water



**Forest Practices Application/Notification  
Water Type Section  
WAC 222-16-031**

**WESTERN WASHINGTON WATER TYPE WORKSHEET**

1. Has the applicant had the stream surveyed using the protocol outlined in Section 13 of the Forest Practices Board Manual or does the stream have the waiver characteristics for WAC 222-16-031(3)(b)(ii)?

Stream ID: **AQ**

☐ Yes, attach documentation

☐ Fish Found, Type 3 water

☐ No fish, go to Question #6

☒ No, go to Question #2

Stream ID: **AR**

☐ Yes, attach documentation

☐ Fish Found, Type 3 water

☐ No fish, go to Question #6

☒ No, go to question #2

Stream ID: **AS**

☐ Yes, attach documentation

☐ Fish Found, Type 3 water

☐ No fish, go to Question #6

☒ No, go to question #2

2. List date Stream observations were made for water typing:

Stream ID: **AQ**

Date observed: **8/9/04**

Go to Question # 3

Stream ID: **AR**

Date observed: **8/9/04**

Go to Question # 3

Stream ID: **AS**

Date observed: **8/9/04**

Go to Question # 3

3. Were fish observed or are fish known to use the stream any time of the year?

Stream ID: **AQ**

☐ Yes, Type 3 water

☒ No, go to Question #4

Stream ID: **AR**

☐ Yes, Type 3 water

☒ No, go to Question #4

Stream ID: **AS**

☐ Yes, Type 3 water

☒ No, go to Question #4

4. Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream segment 16% or less?

Stream ID: **AQ**

☒ Yes, Type 3 water

☐ No, go to Question #5

Stream ID: **AR**

☐ Yes, Type 3 water

☒ No, go to Question #5

Stream ID: **AS**

☒ Yes, Type 3 water

☐ No, go to Question #5

5. Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream greater than 16% and less than or equal to 20%, **AND** is the contributing basin to the stream greater than 50 acres?

Stream ID:

☐ Yes, Type 3 water

☐ No, go to Question #6

Stream ID: **AR**

☐ Yes, Type 3 water

☒ No, go to Question #6

Stream ID:

☐ Yes, Type 3 water

☐ No, go to Question #6

6) Does the stream / stream segment contain water at all times during a normal rainfall year?

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #7
- ☐ Unknown, go to Question #7

Stream ID: **AR**

- ☒ Yes, Type 4 water
- ☐ No, go to Question #7
- ☐ Unknown, go to Question #7

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #7
- ☐ Unknown, go to Question #7

7) Is the stream/stream segment downstream of a perennial source of water?

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9
- ☐ Can't determine, go to Question #8

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9
- ☐ Can't determine, go to Question #8

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9
- ☐ Can't determine, go to Question #8

8) Is the contributing basin size 13 acres or more if in a Coastal Zone (Sitka Spruce Zone) or 52 acres or more if in other western Washington locations for the stream/stream segment?

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9

Stream ID:

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9

Stream ID: \_\_\_\_\_

- ☐ Yes, Type 4 water
- ☐ No, go to Question #9

9) Is the stream/stream segment physically connected by an above ground channel to a type 1,2,3, or 4 water?

Stream ID:

- ☐ Yes, Type 5 water
- ☐ No, non-typed water

Stream ID:

- ☐ Yes, Type 5 water
- ☐ No, non-typed water

Stream ID:

- ☐ Yes, Type 5 water
- ☐ No, non-typed water

**Forest Practices Application/Notification**  
**Water Type Section**  
**WAC 222-16-031**

**WESTERN WASHINGTON WATER TYPE WORKSHEET**

1. Has the applicant had the stream surveyed using the protocol outlined in Section 13 of the Forest Practices Board Manual or does the stream have the waiver characteristics for WAC 222-16-031(3)(b)(ii)?

5

Stream ID: **AT**  
☐ Yes, attach documentation  
☐ Fish Found, Type 3 water  
☐ No fish, go to Question #6  
☒ No, go to Question #2

5

Stream ID: **AU**  
☐ Yes, attach documentation  
☐ Fish Found, Type 3 water  
☐ No fish, go to Question #6  
☒ No, go to question #2

5

Stream ID: **AV**  
☐ Yes, attach documentation  
☐ Fish Found, Type 3 water  
☐ No fish, go to Question #6  
☒ No, go to question #2

2. List date Stream observations were made for water typing:

Stream ID: **AT**  
Date observed: **8/9/04**  
Go to Question # 3

Stream ID: **AU**  
Date observed: **8/9/04**  
Go to Question # 3

Stream ID: **AV**  
Date observed: **8/9/04**  
Go to Question # 3

3. Were fish observed or are fish known to use the stream any time of the year?

Stream ID: **AT**  
☐ Yes, Type 3 water  
☒ No, go to Question #4

Stream ID: **AU**  
☐ Yes, Type 3 water  
☒ No, go to Question #4

Stream ID: **AV**  
☐ Yes, Type 3 water  
☒ No, go to Question #4

4. Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream segment 16% or less?

Stream ID: **AT**  
☐ Yes, Type 3 water  
☒ No, go to Question #5

Stream ID: **AU**  
☐ Yes, Type 3 water  
☒ No, go to Question #5

Stream ID: **AV**  
☐ Yes, Type 3 water  
☒ No, go to Question #5

5. Is the average bankfull width of the stream channel two feet or wider, **AND** is the average channel gradient of the stream greater than 16% and less than or equal to 20%, **AND** is the contributing basin to the stream greater than 50 acres?

Stream ID: **AT**  
☐ Yes, Type 3 water  
☒ No, go to Question #6

Stream ID: **AU**  
☐ Yes, Type 3 water  
☒ No, go to Question #6

Stream ID: **AV**  
☐ Yes, Type 3 water  
☒ No, go to Question #6

6) Does the stream / stream segment contain water at all times during a normal rainfall year?

Stream ID: AT

- ☐ Yes, Type 4 water  
☒ No, go to Question #7  
☐ Unknown, go to  
Question #7

Stream ID: AU

- ☐ Yes, Type 4 water  
☒ No, go to Question #7  
☐ Unknown, go to  
Question #7

Stream ID: AV

- ☐ Yes, Type 4 water  
☒ No, go to Question #7  
☐ Unknown, go to  
Question #7

7) Is the stream/stream segment downstream of a perennial source of water?

Stream ID: AT

- ☐ Yes, Type 4 water  
☒ No, go to Question #9  
☐ Can't determine, go to  
Question #8

Stream ID: AU

- ☐ Yes, Type 4 water  
☒ No, go to Question #9  
☐ Can't determine, go to  
Question #8

Stream ID: AV

- ☐ Yes, Type 4 water  
☒ No, go to Question #9  
☐ Can't determine, go to  
Question #8

8) Is the contributing basin size 13 acres or more if in a Coastal Zone (Sitka Spruce Zone) or 52 acres or more if in other western Washington locations for the stream/stream segment?

Stream ID:

- ☐ Yes, Type 4 water  
☐ No, go to Question #9

Stream ID:

- ☐ Yes, Type 4 water  
☐ No, go to Question #9

Stream ID: \_\_\_\_\_

- ☐ Yes, Type 4 water  
☐ No, go to Question #9

9) Is the stream/stream segment physically connected by an above ground channel to a type 1,2,3, or 4 water?

Stream ID: AT

- ☒ Yes, Type 5 water  
☐ No, non-typed water

Stream ID: AU

- ☒ Yes, Type 5 water  
☐ No, non-typed water

Stream ID: AV

- ☒ Yes, Type 5 water  
☐ No, non-typed water

## Forest Practices Application/Notification

### Timber Harvest Section WAC 222-30-020

- 1) Complete the chart below.

| Unit # | Type Of Harvest<br>(even-aged, uneven-aged, salvage, right-of-way) | Method Of Yarding<br>(high lead, skyline, shovel, rubber tired skidder, tracked skidder, animal, helicopter, feller buncher, cable) | Gross Acres Per Unit | Steepest Slope %<br>(within Harvest Unit) | Trees Per Acre Remaining After Harvest |                        | Estimated Volume To Be Harvested<br>(board feet) |
|--------|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------------------|----------------------------------------|------------------------|--------------------------------------------------|
|        |                                                                    |                                                                                                                                     |                      |                                           | Equal or Greater Than 10"              | Less Than 10"<br>(dbh) |                                                  |
| 1      | Even-aged                                                          | Cable and Shovel                                                                                                                    | 80.2                 | 80                                        | 8                                      | 0                      | 3,045 mbf                                        |
| 2      | Even-aged                                                          | Cable and Shovel                                                                                                                    | 61.7                 | 70                                        | 8                                      | 0                      | 2,511 mbf                                        |
| ROW    | Even-aged                                                          | Shovel                                                                                                                              | 12.2                 | 60                                        | 0                                      | 0                      | 450 mbf                                          |

- 2) Indicate how required Wildlife Reserve Trees (WRTs) and Green Recruitment Trees (GRTs) will be left.

**Check all that apply: See WAC 222-30-020(11)**

Wildlife Reserve Trees (WRTs)

☒ Clumped

☒ Other

Green Recruitment Trees (GRTs)

☒ Clumped

☒ Other

**NOTE:** At least two down logs per acre shall be left. At a minimum, down logs shall be 12 inches in diameter at the small end and 20 feet long or the equivalent volume.

- 3) Will the landowner be harvesting timber on any potentially unstable landforms?

☐ Yes. See instructions or if landowner is applying prescriptions for an approved Watershed Analysis, attach prescriptions.

☒ No.

- 4) What reforestation method will you use? Add additional details on separate paper and attach to application if needed.

☒ Planting. List species: **Douglas-fir, and Western red cedar**

☐ Natural. Submit a reforestation plan. See instructions.

☐ Reforestation is not required under WACs 222-34-010(1)(b), 222-34-020(1)(b) or 222-34-050.

- 5) Describe how harvest boundaries are marked on the ground, **AND** show and label the following items on the Activity map(s). Include location of each harvest unit, landing location(s), WRTs and GRTs (if clumping option is chosen) and for every even-aged unit provide the ages for all adjacent forest stands owned by the landowner (WAC 222-30-025). Add additional details on separate paper and attach to application if needed.

**Harvest unit boundaries are delineated by white "Timber Sale Boundary" signs and blue "Special Management Boundary" signs. All Right-of-Way boundaries are delineated by orange "Right-Of-Way Boundary" signs. Trees designated to leave are marked with blue paint, and yellow "Leave Tree Area" signs. The wildlife reserve trees, and the green recruitment trees will be left in a scattered and clumped pattern designed to mitigate the potential aesthetic impacts of the proposal, retain biologically desirable trees and facilitate the cable yarding operations. See the attached map for more details.**

# **Forest Practices Application/Notification** **Roads Section** **WAC 222-24**

1) Complete the chart below.

| Type of Activity                                         | Total Length In Feet | Steepest Side Slope Road Crosses (%) | Abandonment Date         |
|----------------------------------------------------------|----------------------|--------------------------------------|--------------------------|
| Proposed Road Construction<br>(include "Reconstruction") | 12,270               | 45                                   | <u>Does Not Apply</u>    |
| Temporary Roads                                          | 776                  | 40                                   | Upon Contract Completion |
| Road Abandonment                                         | 776                  | 40                                   | Upon Contract Completion |
| Road Maintenance                                         | N/A                  | <u>Does Not Apply</u>                | <u>Does Not Apply</u>    |

1) Will you be opening or expanding a rock pit as part of this proposal?

☒ Yes. Indicate size in acres **0.3 Acres**

☐ No.

3) Do any proposed roads cross any potentially unstable landforms?

☐ Yes. See instructions or if landowner is applying prescriptions for an approved Watershed Analysis, attach prescriptions.

☒ No.

4) Describe how the right-of-way limits and/or centerline for the road construction will be marked on the ground. Describe location and type of road maintenance. Add additional details on separate paper and attach to application if needed. Show the following information on the activity map(s): location of all construction, existing roads, temporary roads, abandonment and landings within the forest practice proposal area; location of water stream crossing structures to be installed or removed (include structure's dimensions); location of endhaul/overhaul construction and waste areas; location of rock pit(s) identified in Question #2 above; location of potentially unstable landforms.

**There is approximately 12270 feet of new road construction associated with this sale and 568 feet of road reconstruction activity. All new road construction that is required outside of the sale boundary will be delineated with orange "Right of Way Boundary" tags. The right-of-way area will be approximately 60 feet wide for the entire length of the road outside of the sale boundary, which includes the clearing and grubbing limits. Centerlines for new road construction are marked with numbered stakes, orange flagging, orange blazes at eye height along centerline trees, and reference points at pertinent positions along the road at the edge of the clearing and grubbing limits.**

**Road maintenance will be performed throughout the harvesting operation and following the operation. This maintenance may include road grading, ditch and culvert clean out, road resurfacing, and any other activities necessary to maintain the road crown and to minimize the possibility of localized failures and erosion events. 776 feet of new road construction, BR-104 if built, will be abandoned following the completion of the harvesting activity. The rest of the new road construction will remain open for future forest management activities.**

**The BR-89 Hard rock pit is the designated rock source for this proposal and is located in Section 4 of Township 33 North, Range 6 East. This rock pit will continue to be utilized for other management activities following completion of this sale.**

**Forest Practices Application/Notification Addendum  
DNR Proprietary HCP Implementation Checklist for the  
Marbled Murrelet  
OESF, North Puget, and South Puget Planning Units Only**

1. Has the habitat relationship study been completed and the higher quality (reclassified) habitat been identified for the planning unit(s) in which the proposed harvest activity is located?  
☒ Yes go to question 3.  
☐ No, go to question 2.
2. Is the proposed harvest activity located outside of any identified suitable habitat block(s) and any occupied site(s)?  
☐ Yes, go to question 8.  
☐ No, **inconsistent** with current HCP strategy. Stop Action.
3. Is the proposed harvest activity located within stands identified as higher quality (reclassified) habitat?  
☐ Yes, go to question 4.  
☒ No, go to question 8.
4. Have all the higher quality reclassified habitat types within the planning unit(s) been surveyed using an approved survey protocol to identify occupied sites?  
☐ Yes, go to question 5.  
☐ No, **inconsistent** with the current HCP strategy. Stop Action.
5. Is the proposed harvest activity located in unoccupied reclassified habitat **less than ½ mile** from a known occupied site(s)?  
☐ Yes, **inconsistent** with the current HCP strategy. Stop Action.  
☐ No, go to question 6.
6. Is the proposed harvest activity located in unoccupied reclassified habitat and **more than ½ mile** from a known occupied site(s)?  
☐ Yes, go to question 7.  
☐ No, go to question 5, possible error in completing checklist.
7. At the completion of the proposed harvest activity will at least 50% of the reclassified habitat on DNR managed lands within the Watershed Administrative Unit(s) remain?  
☐ Yes, consistent with the current HCP strategy. End Checklist.  
☐ No, **inconsistent** with the current HCP strategy. Stop Action.
8. Is the proposed harvest activity within 300 feet of any marbled murrelet occupied site(s)?  
☐ Yes, consult with Region biologists/specialists for recommendations. Go to question 9.  
☒ No, proposal is consistent with the current HCP strategy. End Checklist.
9. How was the occupied site(s) delineated?  
☐ Followed guidelines in WAC 222-16. Go to question 10.  
☐ Followed other agency approved methodology, submit supporting documentation. Go to question 10.
10. Will the occupied site(s) be protected by current HCP strategies during harvest activities?  
☐ Yes, proposal consistent with current HCP strategy.  
☐ No, proposal is **inconsistent** with the current HCP strategy. Stop Action.

Note: If the applicant checks a box on a sentence that ends with "Stop Action." then it is likely that an error in completing the checklist has occurred or the activity does not comply with the HCP Interim Marbled Murrelet Strategy.

# Forest Practices Application/Notification Addendum DNR Proprietary HCP Implementation Checklist for the Northern Spotted Owl

Refer to the DNR HCP Substitution Agreement for the NSO, dated April 1, 2004.

1. Is the Forest Practice activity within a NRF Management Area?  
☐ Yes, Go to #2.  
☒ No, Go to #6.
2. Is the Forest Practice activity within a 500-acre Nest Patch?  
☐ Yes, Stop action, harvest deferment of Nest Patches, refer to Substitution Agreement, I.A.1. **End Checklist.**  
☐ No, Go to #3.
3. Is the Forest Practice activity within 0.7 miles of a spotted owl nest site?  
☐ Yes, Apply timing restrictions; refer to Substitution Agreement, I.A. Go to #4.  
☐ No, Go to #4.
4. Is the WAU where the Forest Practice activity is located, above the target amount of NRF habitat?  
☐ Yes, Proceed with activity, ensuring that habitat within the WAU will not fall below the target amount. Please describe in Question #11; if the activity will be harvesting habitat or non-habitat, whether it is an enhancement activity or even-age harvest and how many acres of NRF habitat will remain within the WAU after harvest. **End Checklist after completing Question #11.**  
☐ No, Go to #5.
5. Is the Forest Practice activity within NRF habitat?  
☐ Yes, Ensure NRF habitat remains after completion of harvest activity. Please describe in Question #11, type of activity, how habitat will be maintained and what the final stand condition will be. **End checklist after completing Question #11.**  
☐ No, Ensure that target amount of habitat within the WAU will not take longer to achieve after activity. Please describe in Question #11 how management activity will maintain and/or achieve the NRF target amount. **End checklist after completing Question #11.**
6. Is the Forest Practice activity within a Dispersal Management Area?  
☐ Yes, Go to #7.  
☒ No, Go to #9.
7. Is the WAU or quarter township where the Forest Practice activity is located, above the target amount of dispersal habitat?  
☐ Yes, Proceed with activity, ensuring that habitat within the WAU or quarter township will not fall below the target amount. Please describe in Question #11, if the activity will be harvesting habitat or non-habitat, whether it is an enhancement activity or even-age harvest and how many acres of dispersal habitat will remain within the WAU or quarter township after harvest. Go to #9.  
☐ No, Go to #8.
8. Is the Forest Practice activity within dispersal habitat?  
☐ Yes, Ensure dispersal habitat remains after completion of harvest activity. Please describe in Question #11, type of activity and how habitat will be maintained. Go to #9.  
☐ No, Ensure that target amount of habitat within the WAU or quarter township will not take longer to achieve after activity. Please describe in Question #11 how management activity will maintain and/or achieve the dispersal target amount. Go to #9.
9. Is the Forest Practice activity located within a Status 1, 2 or 3 spotted owl management circle based on the WDFW database?  
☐ Yes, Apply harvest timing restrictions to activities within 70-acre core around site center; refer to Substitution Agreement, Section III. Include location of 70-acre core on Forest Practices Map. Go to #10.  
☒ No, Go to #11.



10. Is the Forest Practice activity located within one of the 66 spotted owl management circles listed in the Implementation Memo, Section III.A?

☐ Yes, State which owl circle and prescriptions apply to activity in Question #11.

☐ No, **End checklist.**

11. Provide any additional information or details requested from previous questions on the following lines. Include the WAU name(s) or quarter township when necessary if activity is within NRF or dispersal management areas. If no additional information is required, simply state "not applicable" below. **End checklist.**

**These prescriptions are not applicable to this proposal.**

## Forest Practices Application/Notification Addendum

### DNR Proprietary HCP, WAC Replacement Summary For Aquatic Resources

Please refer to the DNR Proprietary HCP Substitution Agreement for Aquatic Resources, dated April 1, 2004. Please check all HCP prescriptions and/or activities, which are relevant to this proposal and document any responses below.

NOTE: When assessing hydrologic maturity for each sub-basin inside the rain-on-snow zone, DNR staff will use the most updated data layer delineating Watershed Administrative Units as designated by Forest Practices.

- ☒ Assessing Hydrologic Maturity in the Rain-On-Snow Zone (Refer to item A in the Agreement Memo). If the activity lies within the Rain-On-Snow Zone, fill out the following table.

| 1. SUB-BASIN NAME                            | 2. TOTAL ROS ACRES (DNR) WITHIN SUB-BASIN | 3. HYDRO MATURE TARGET ACRES (2/3 of Column 2) | 4. CURRENT DNR ACRES IN HYDRO MATURE FOREST IN ROS | 5. ACRES OF HYDRO MATURE FOREST TO BE REMOVED | 6. SUPRLUS (+) OR DEFICIT (-) ACRES AFTER ACTIVITY |
|----------------------------------------------|-------------------------------------------|------------------------------------------------|----------------------------------------------------|-----------------------------------------------|----------------------------------------------------|
| Cavanaugh WAU, Sub-Basin 6                   | 878 Acres                                 | 585 Acres                                      | 878 Acres                                          | Approx. 13                                    | 280 Acres                                          |
| **Cavanaugh WAU, Sub-Basin 7 (see not below) | 974 Acres                                 | 649 Acres                                      | 944 Acres                                          | Approx. 28                                    | 267 Acres                                          |

- ☐ Wetlands Protection, road construction within wetlands or wetland buffers, requires mitigation. (Refer to item B in the Agreement Memo). If this activity will include road construction within a wetland or WMZ, describe the type of wetland, potential loss of wetland function and how and where the loss of function will be mitigated.
- ☐ Harvesting within Forested Wetlands. (Refer to items C & E in the Agreement Memo). Describe the remaining stand characteristics within the wetland and map any forested wetlands greater than 3 acres.
- ☐ Wetland Management Zones. (Refer to item D in the Agreement Memo). If harvesting within the WMZ, describe the remaining stand characteristics within the WMZ.
- ☒ Riparian Management Zones for Type S and F (type 1-3) Waters (Refer to item F in the Agreement Memo). Describe the site index, RMZ width and if a wind buffer was applied. Describe if the RMZ begins from the outer edge of a CMZ or 100-year floodplain and how they were typed.
- ☒ Riparian Management Zones for Type Np and Ns (type 4 and 5) Waters (Refer to item G in the Agreement Memo). Describe any special protection for Type Ns waters.

Please provide any requested additional information below.

To ensure accurate stream type determination, stream typing was conducted during various times from mid July through mid August, during a period that was not considered abnormally dry. All type 3 streams are protected by no harvest, site class buffers of 156 feet as measured from the estimated 100-year flood plain of the corresponding stream. All type 4 streams are protected by 100-foot no harvest buffers, as measured from the estimated 100-year floodplain (Except, there could be up to two yarding corridors through the type 4 buffer located in the westernmost portion of Unit #1 to facilitate harvesting), and all type 5 streams will be protected by a 30-foot equipment limitation zones. All timber within these areas will be directionally felled and yarded away from the stream where feasible. There could be some cable yarding over and across some of the type 5 streams.

All boundaries surrounding all type 3 and 4 stream segments are delineated by white "Timber Sale Boundary" signs, and are entirely no-harvest buffers. Except, there could be up to two yarding corridors through the type 4 buffer located in the westernmost portion of Unit #1 to facilitate harvesting. No wind buffers were added to the type 3 riparian buffers since wind throw appears to not be a significant problem in the proposal area adjacent to the aforementioned type 3 streams due to lack of existing evidence to prove otherwise and the protected locals of these stream segments buffers.

\*\* Sub-Basin 7 is not managed for ROS as the DNR does not own 50% and less than 2/3 of the Sub-Basin is in SROS zone.